

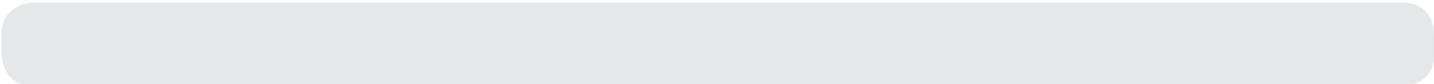
## Answer Key for Math Workbook Grade 1

We hope you are enjoying “Math Workbook Grade 1: 100 Pages of Addition, Subtraction and Number Bond Practice”.

This is the answer key to all the problems in the book.

Please email us with any questions or feedback:  
[mathbook1@numberbondgames.com](mailto:mathbook1@numberbondgames.com)

If you enjoyed this book, please go on Amazon and give us a 5 star review!



## Progress Chart

When a page is completed, add a sticker or smiley face to a square below.  
When the whole chart is completed, you would have completed 100 pages!




## Adding 1

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 1 \\ + 10 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

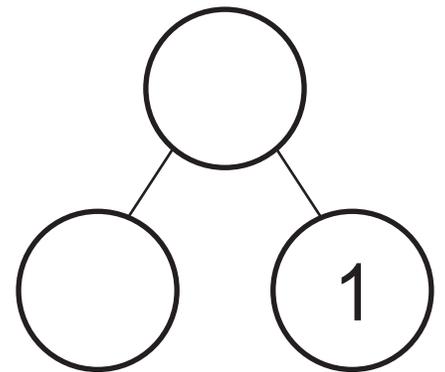
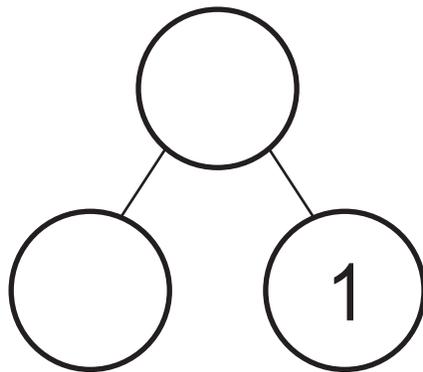
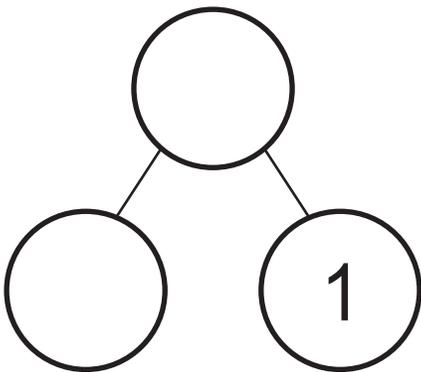
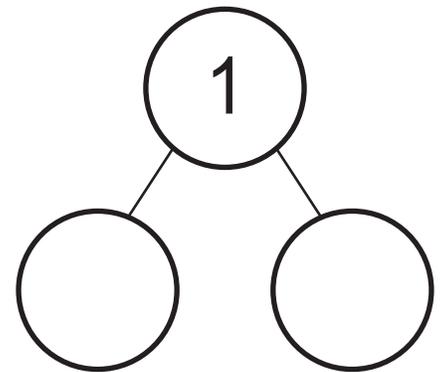
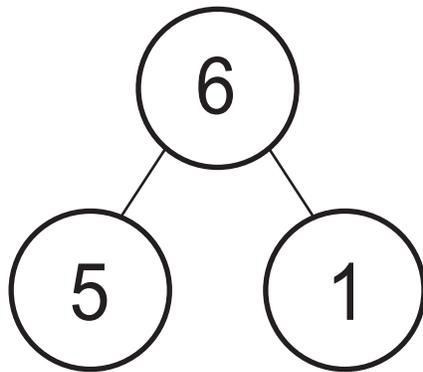
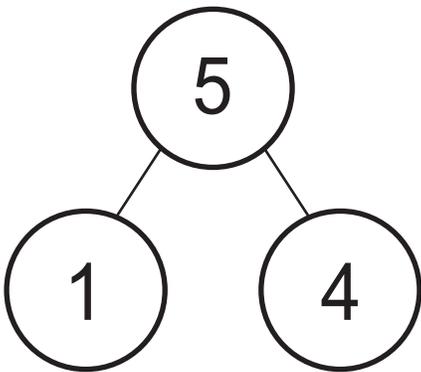
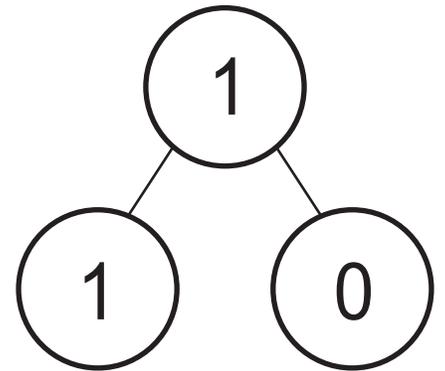
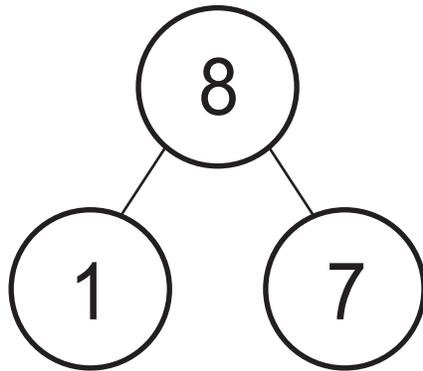
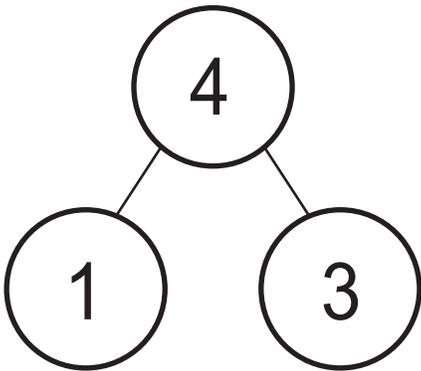
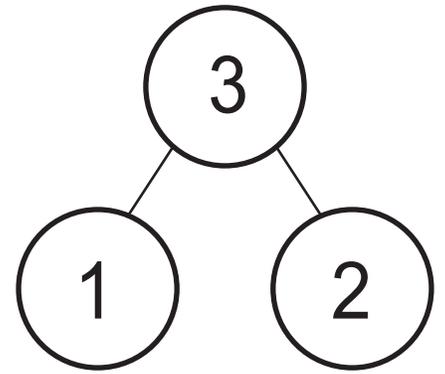
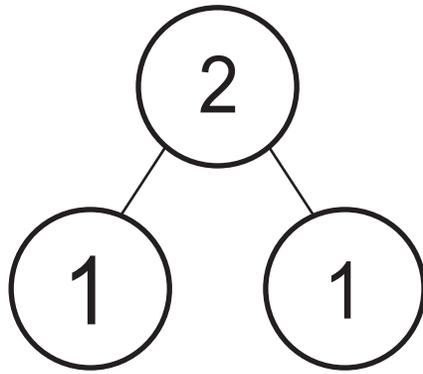
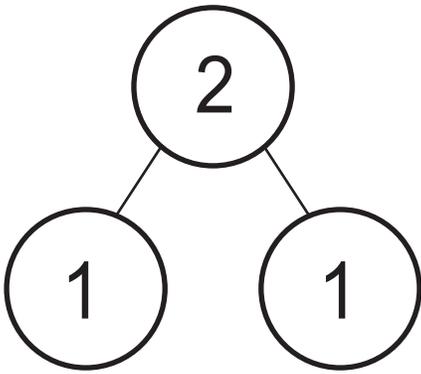
$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array}$$

# Number Bonds: 1



## Complete the math sentences: Adding 1

$1 + 1 = \boxed{2}$

$1 + \boxed{1} = 2$

$\boxed{2} + 1 = 3$

$2 + 1 = \boxed{3}$

$1 + \boxed{3} = 4$

$\boxed{2} + 1 = 3$

$3 + 1 = \boxed{4}$

$1 + \boxed{4} = 5$

$\boxed{4} + 1 = 5$

$1 + 4 = \boxed{5}$

$6 + \boxed{1} = 7$

$\boxed{1} + 5 = 6$

$8 + 1 = \boxed{9}$

$1 + 9 = \boxed{10}$

## Adding 2

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

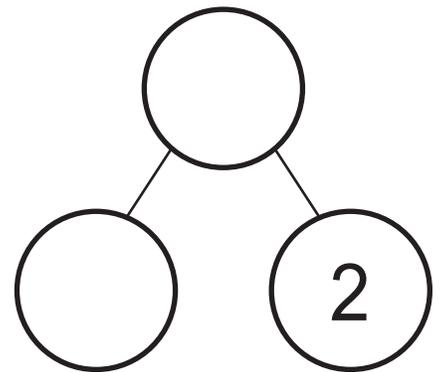
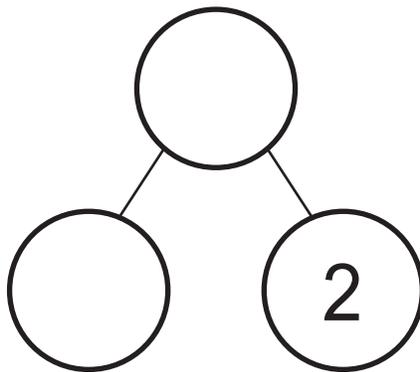
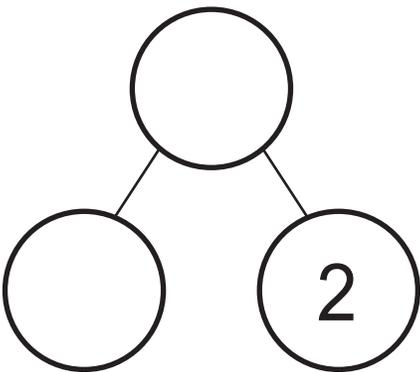
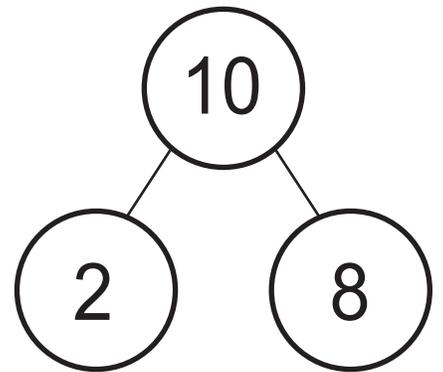
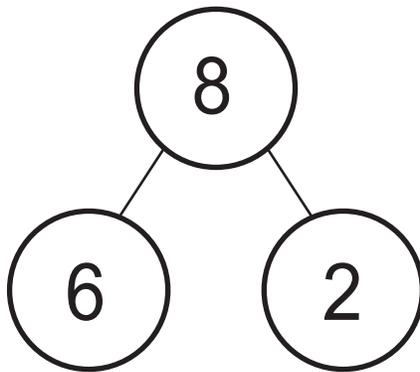
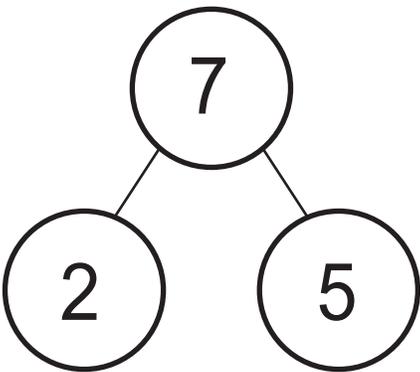
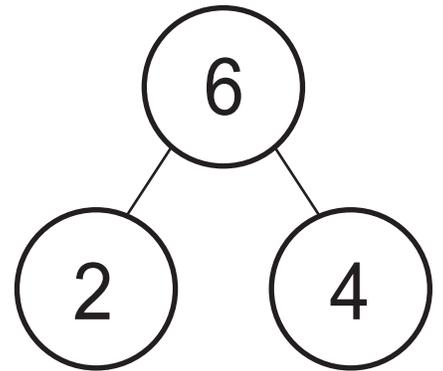
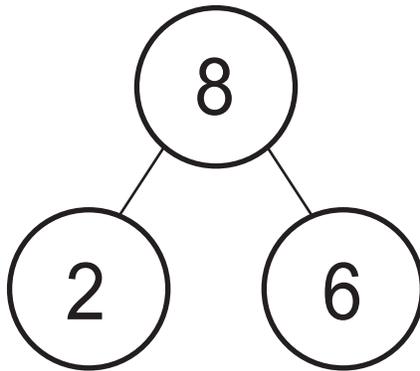
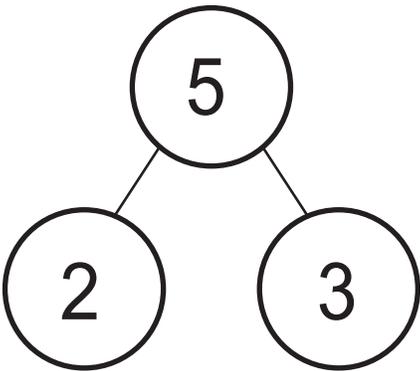
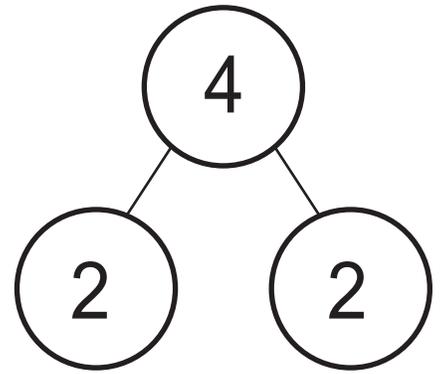
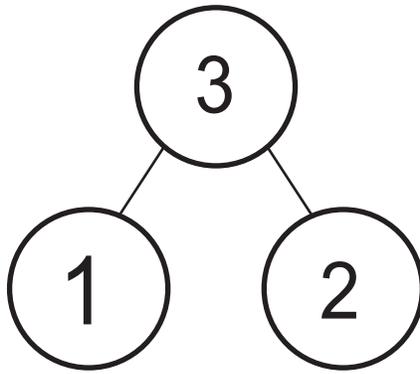
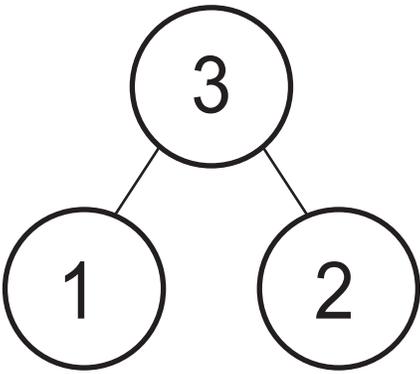
$$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$$

# Number Bonds: 2



## Complete the math sentences: Adding 2

$2 + 1 = \boxed{3}$

$2 + \boxed{1} = 3$

$\boxed{2} + 2 = 4$

$2 + 2 = \boxed{4}$

$2 + \boxed{3} = 5$

$\boxed{1} + 2 = 3$

$3 + 2 = \boxed{5}$

$2 + \boxed{4} = 6$

$\boxed{5} + 2 = 7$

$2 + 4 = \boxed{6}$

$6 + \boxed{2} = 8$

$\boxed{2} + 5 = 7$

$8 + 2 = \boxed{10}$

$2 + 9 = \boxed{11}$

## Adding 3

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3 \\ + 9 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ + 10 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

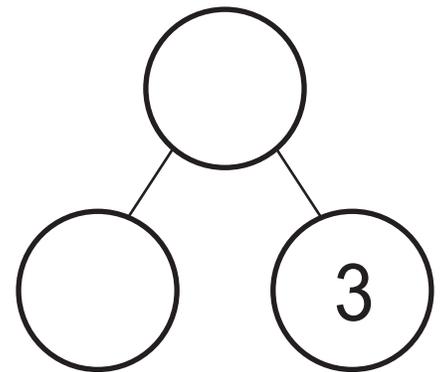
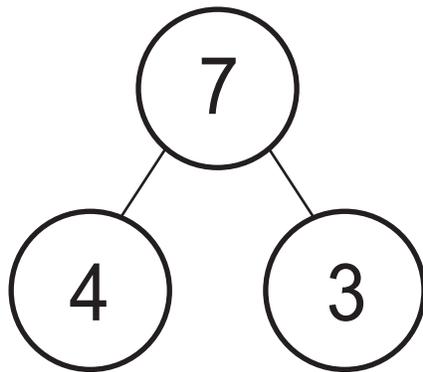
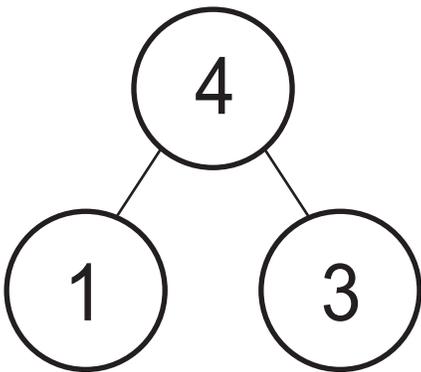
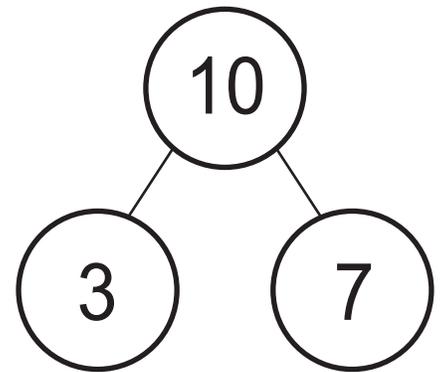
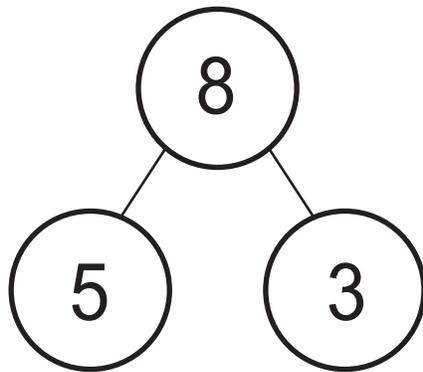
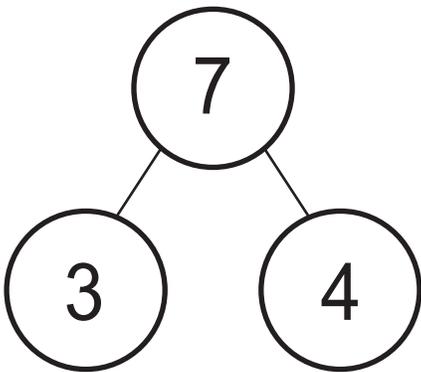
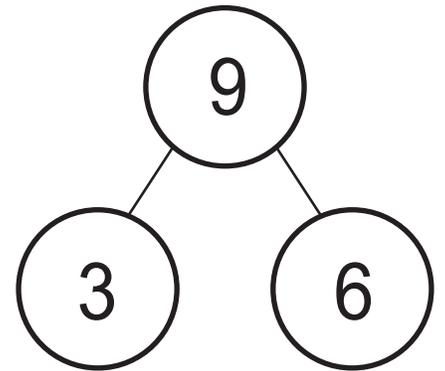
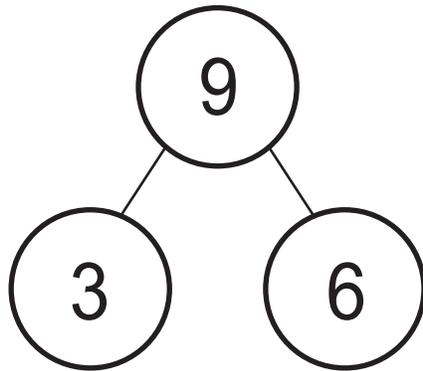
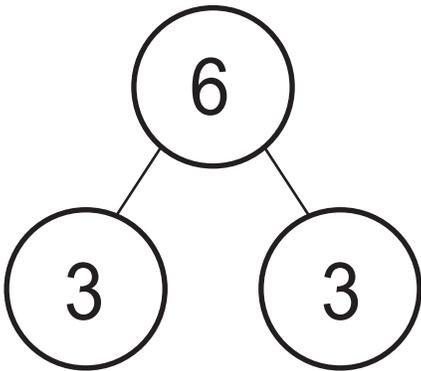
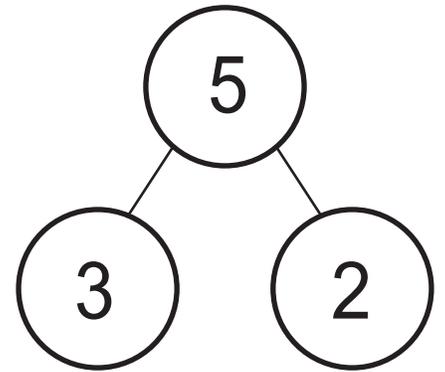
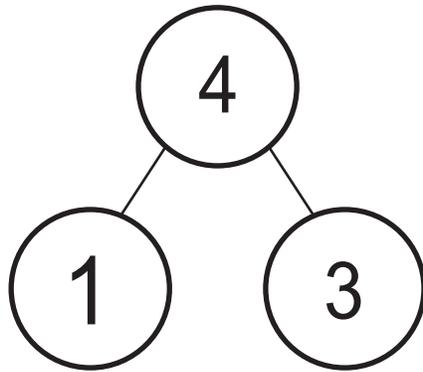
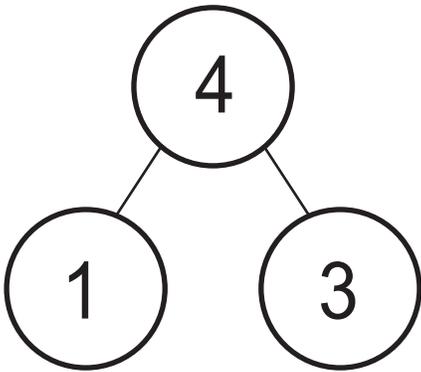
$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

# Number Bonds: 3



## Complete the math sentences: Adding 3

$3 + 1 = \boxed{4}$

$3 + \boxed{0} = 3$

$\boxed{1} + 3 = 4$

$2 + 3 = \boxed{5}$

$3 + \boxed{2} = 5$

$\boxed{2} + 3 = 5$

$3 + 3 = \boxed{6}$

$3 + \boxed{4} = 7$

$\boxed{5} + 3 = 8$

$3 + 4 = \boxed{7}$

$3 + \boxed{5} = 8$

$\boxed{3} + 5 = 8$

$8 + 3 = \boxed{11}$

$3 + 9 = \boxed{12}$

## Adding 4

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 4 \\ + 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 4 \\ + 10 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

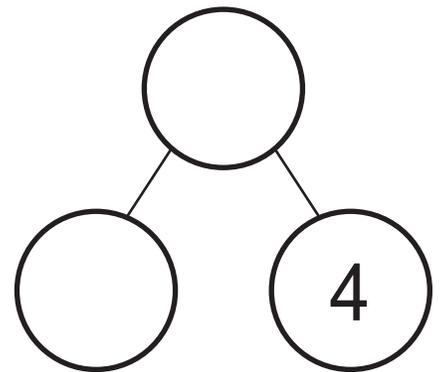
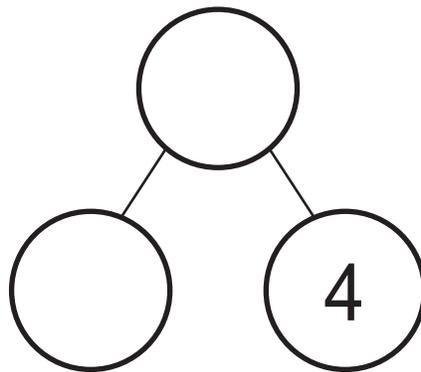
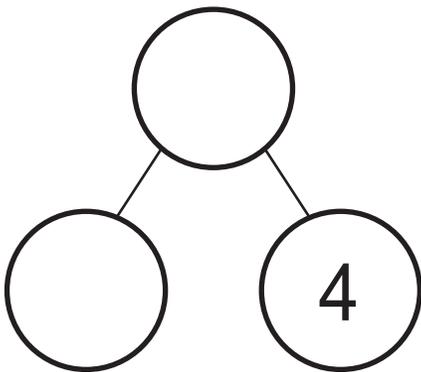
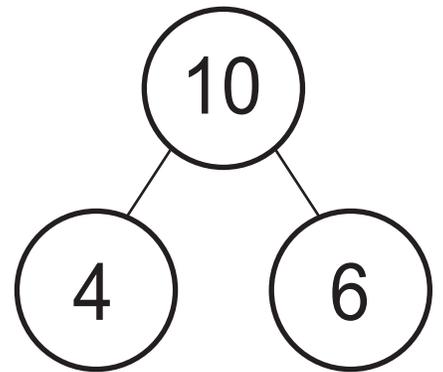
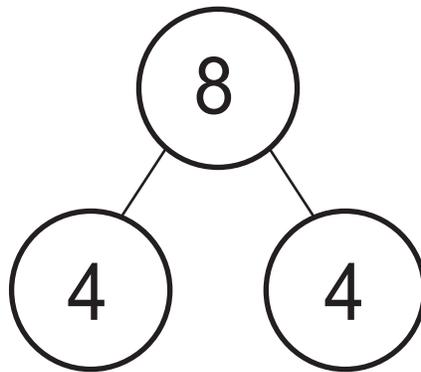
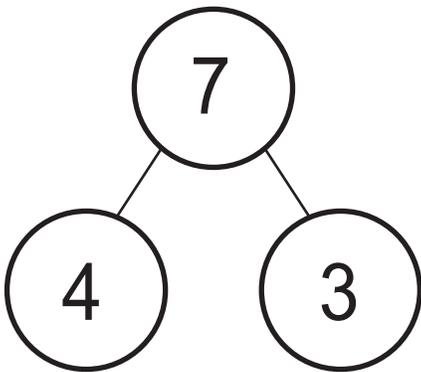
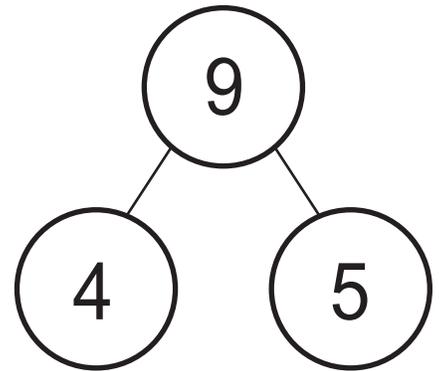
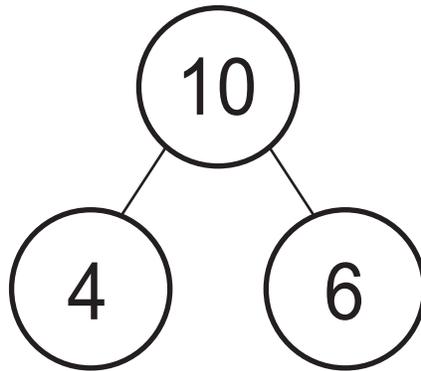
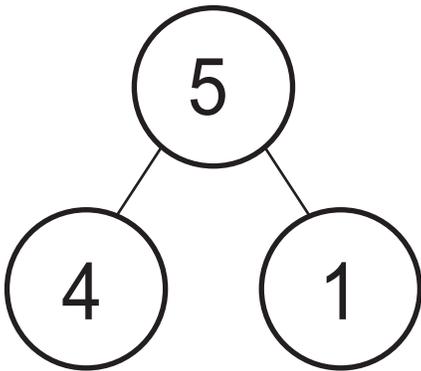
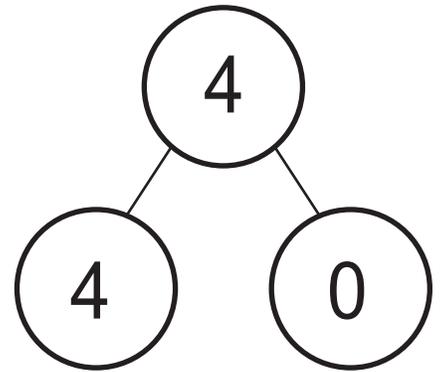
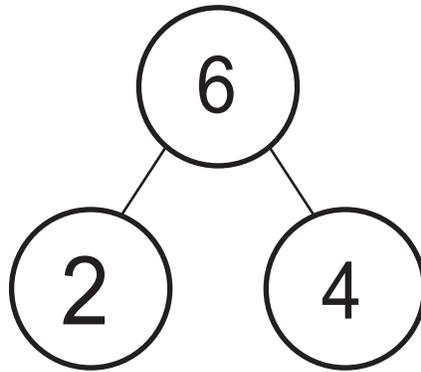
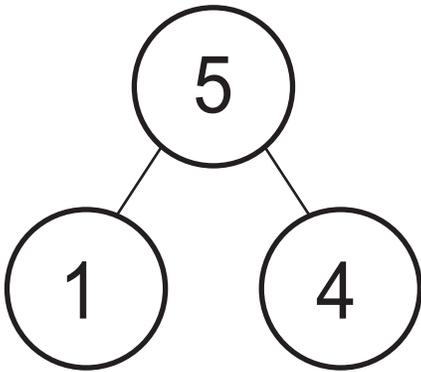
$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array}$$

# Number Bonds: 4



## Complete the math sentences: Adding 4

$4 + 1 = \boxed{5}$

$4 + \boxed{0} = 4$

$\boxed{2} + 4 = 6$

$2 + 4 = \boxed{6}$

$4 + \boxed{1} = 5$

$\boxed{3} + 4 = 7$

$3 + 4 = \boxed{7}$

$4 + \boxed{4} = 8$

$\boxed{5} + 4 = 9$

$4 + 4 = \boxed{8}$

$4 + \boxed{6} = 10$

$\boxed{4} + 3 = 7$

$8 + 4 = \boxed{12}$

$4 + 9 = \boxed{13}$

## Adding 5

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 5 \\ + 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 5 \\ + 9 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ + 10 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

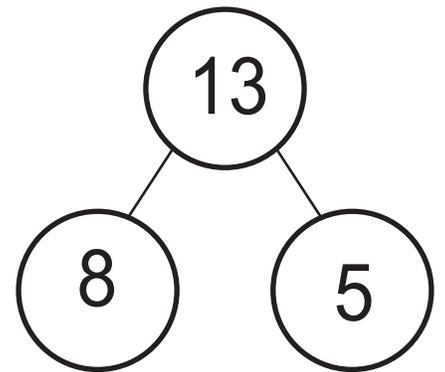
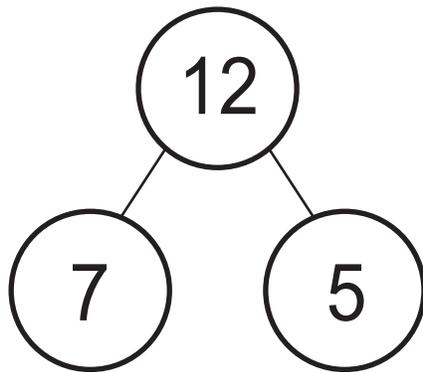
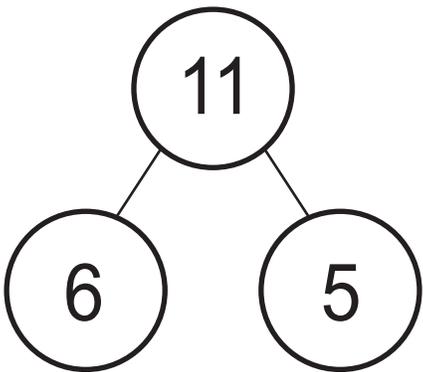
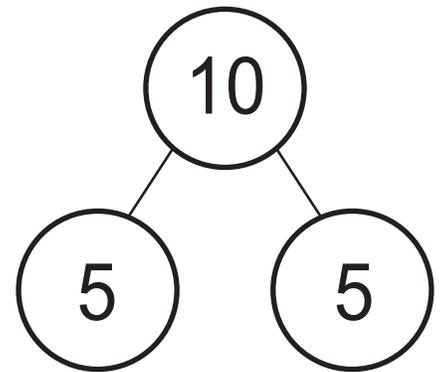
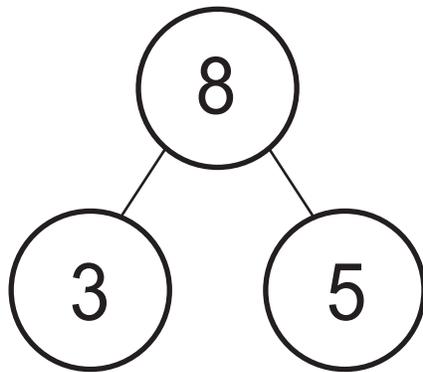
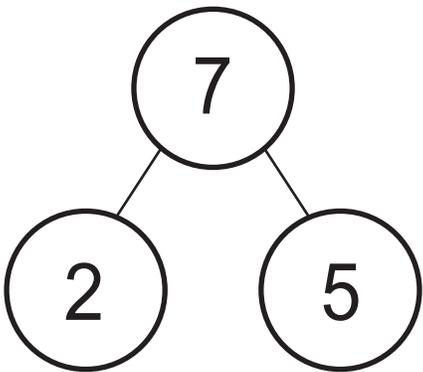
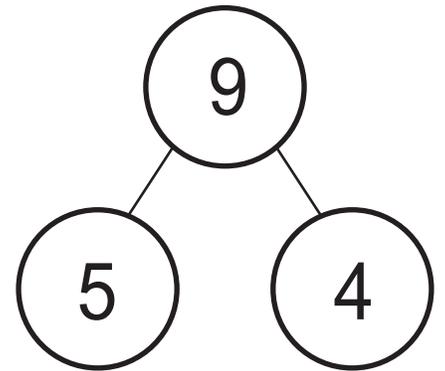
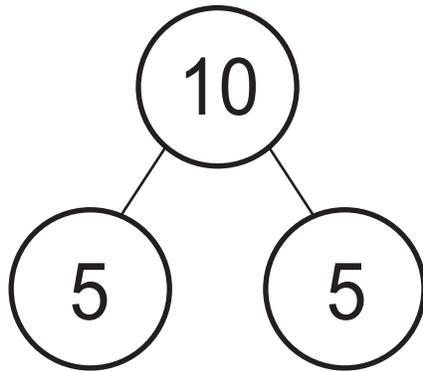
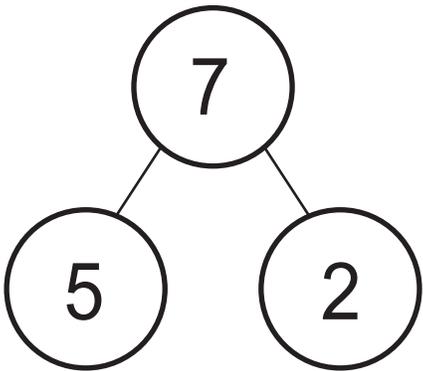
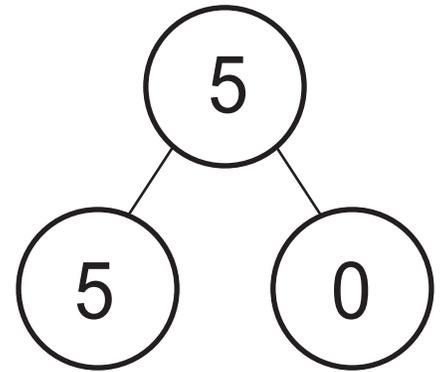
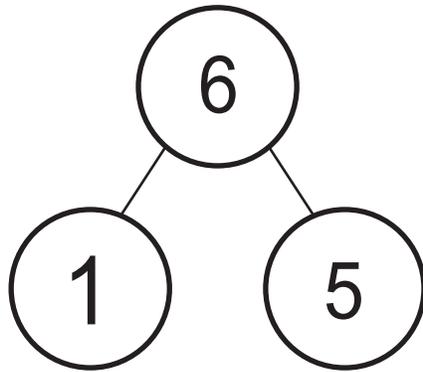
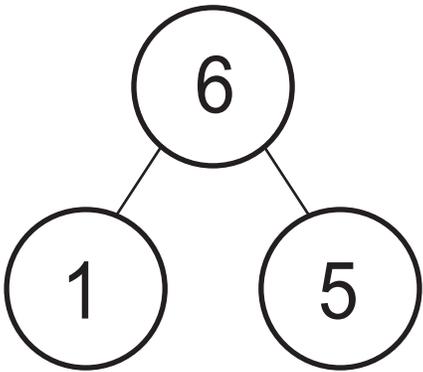
$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array}$$

# Number Bonds: 5



## Complete the math sentences: Adding 5

$5 + 1 = \boxed{6}$

$5 + \boxed{0} = 5$

$\boxed{1} + 5 = 6$

$2 + 5 = \boxed{7}$

$5 + \boxed{2} = 7$

$\boxed{3} + 5 = 8$

$3 + 5 = \boxed{8}$

$5 + \boxed{4} = 9$

$\boxed{5} + 5 = 10$

$4 + 5 = \boxed{9}$

$5 + \boxed{6} = 11$

$\boxed{7} + 5 = 12$

$6 + 5 = \boxed{11}$

$5 + 7 = \boxed{12}$

## Review: Adding 1 to 5

$$\begin{array}{r} 1 \\ + 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 0 \\ + 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 0 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

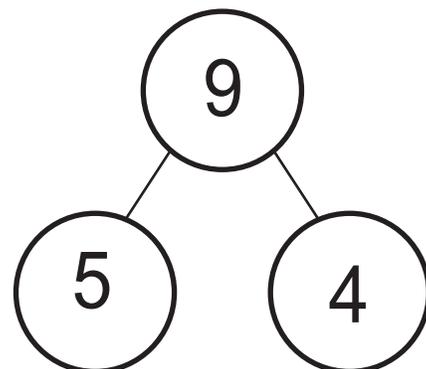
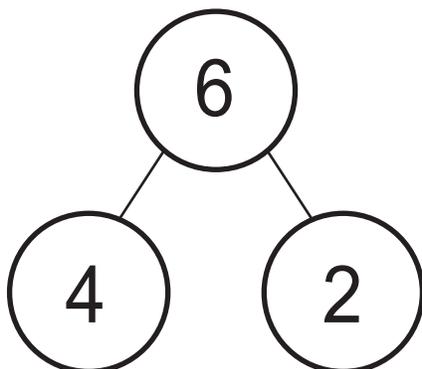
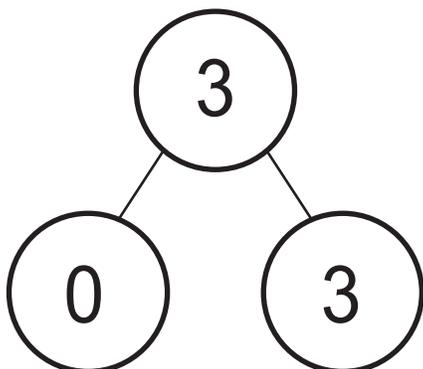
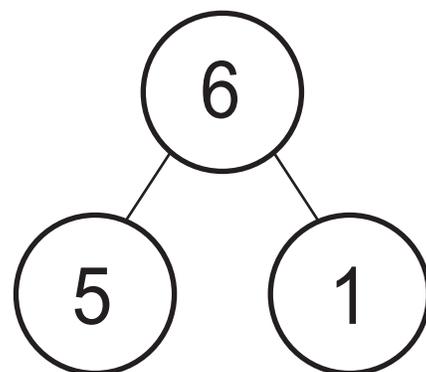
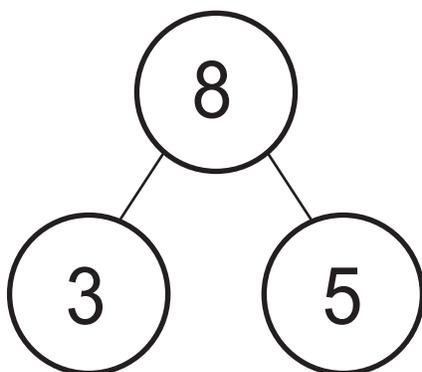
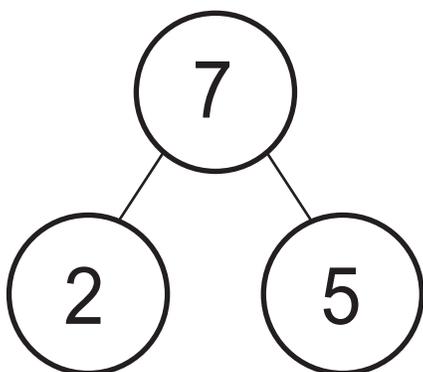
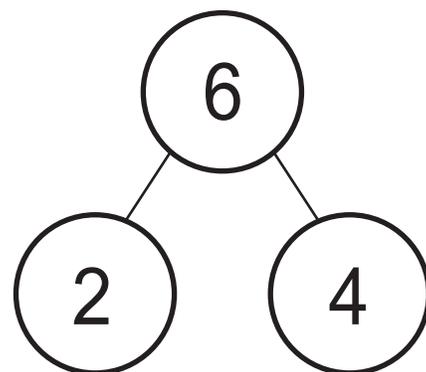
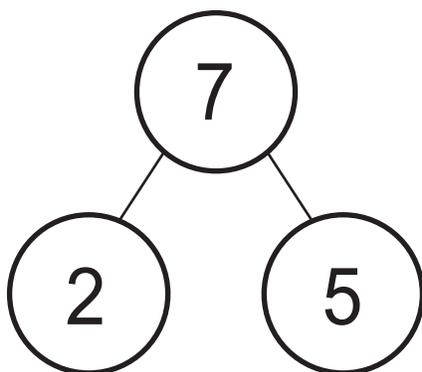
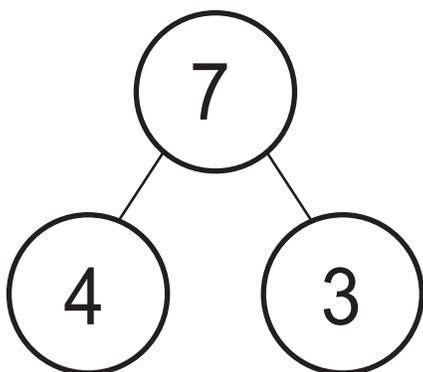
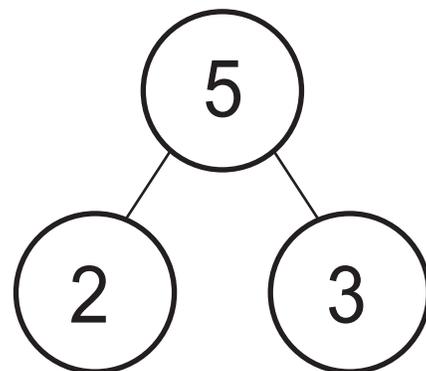
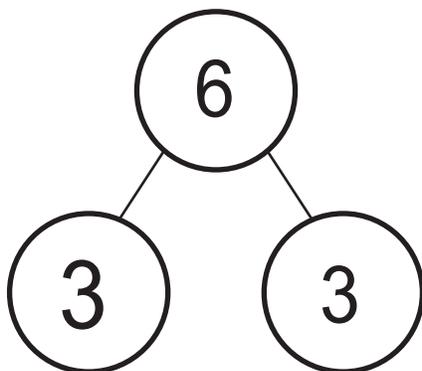
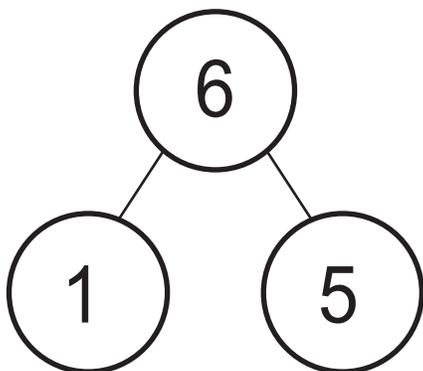
$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 0 \\ + 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

## Review: Number Bonds



Review: Complete the math sentences 1 to 5

$1 + 1 = \boxed{2}$

$3 + \boxed{2} = 5$

$\boxed{2} + 4 = 6$

$2 + 5 = \boxed{7}$

$4 + \boxed{3} = 7$

$\boxed{3} + 5 = 8$

$3 + 1 = \boxed{4}$

$4 + \boxed{5} = 9$

$\boxed{5} + 5 = 10$

$3 + 5 = \boxed{8}$

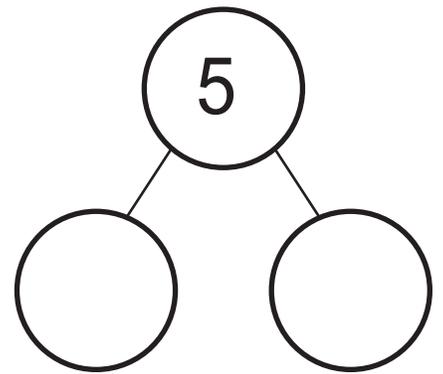
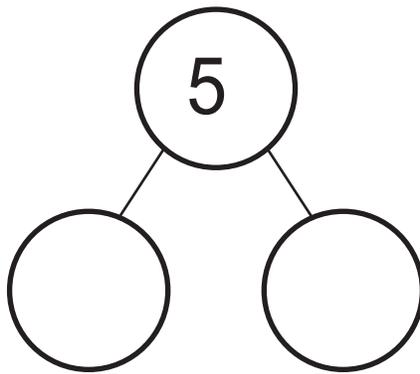
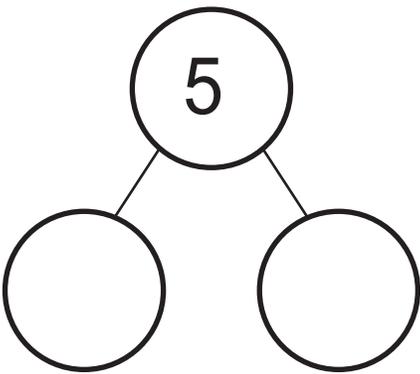
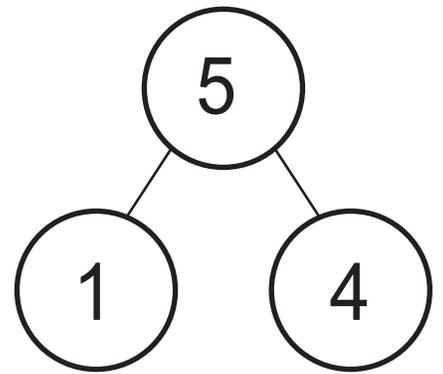
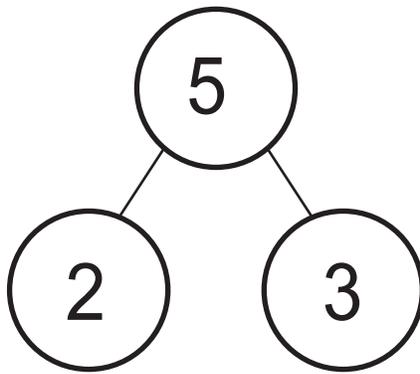
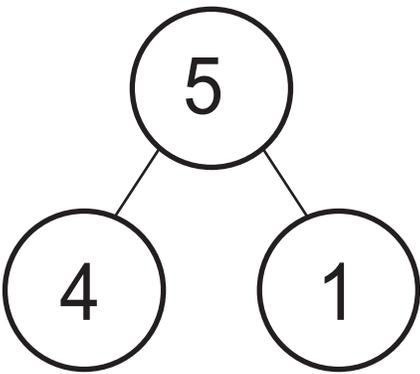
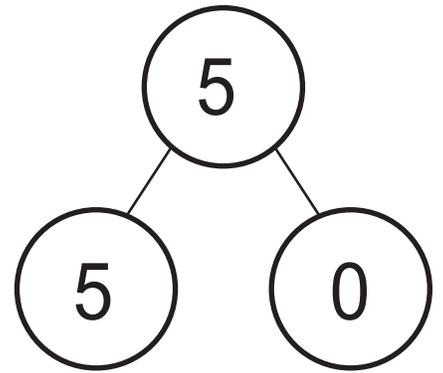
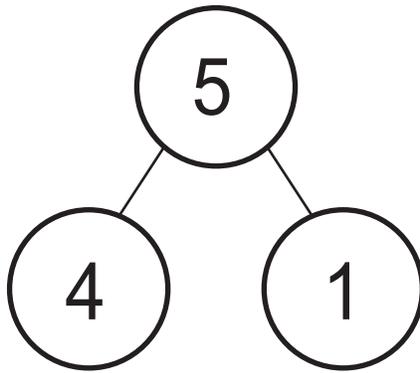
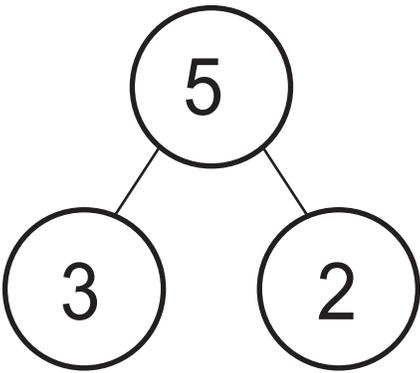
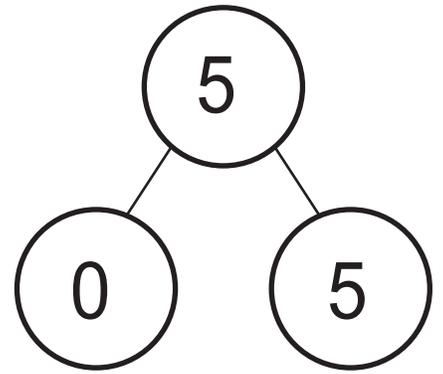
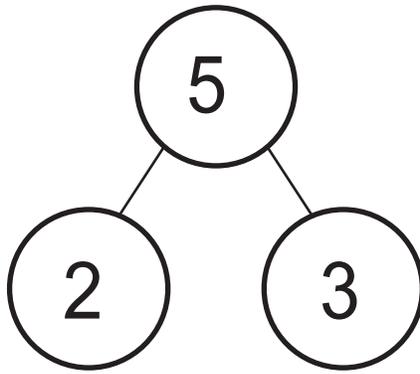
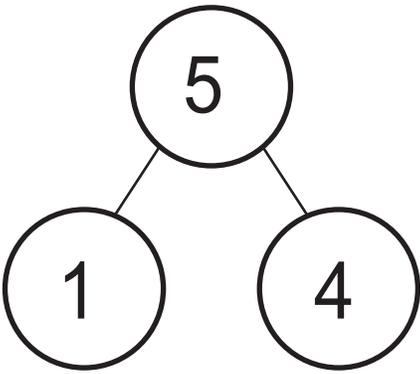
$5 + \boxed{4} = 9$

$\boxed{3} + 5 = 8$

$2 + 1 = \boxed{3}$

$5 + 2 = \boxed{7}$

# Number Bonds: Make 5



## Adding 6

$$\begin{array}{r} 1 \\ + 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 6 \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 0 \\ + 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 0 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + 10 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array}$$

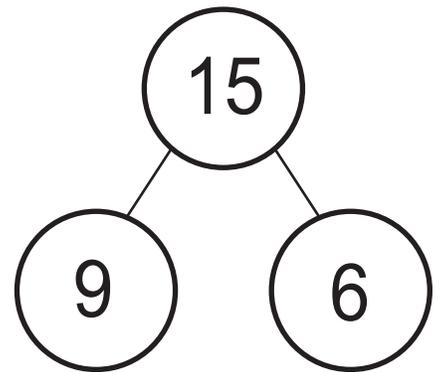
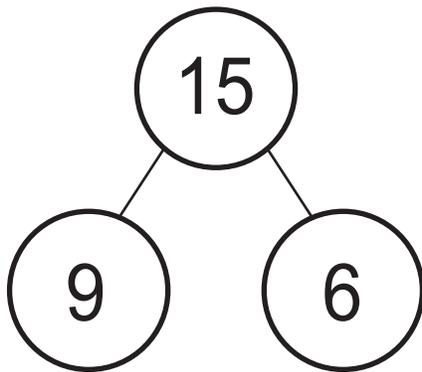
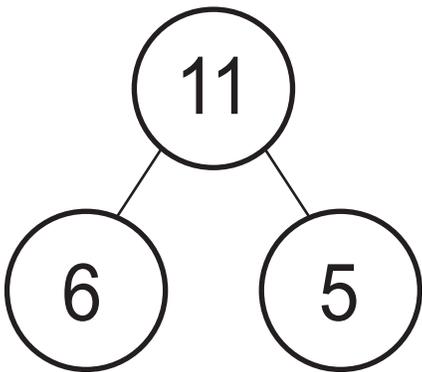
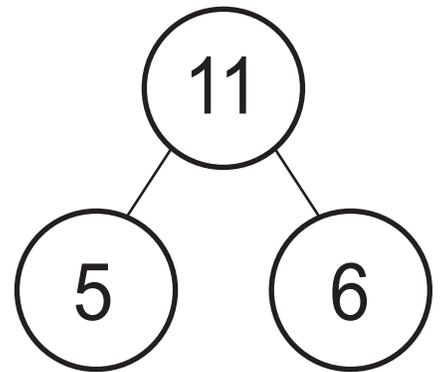
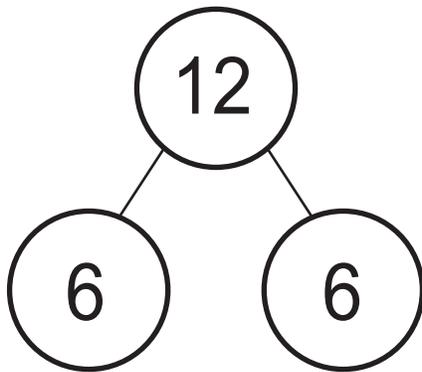
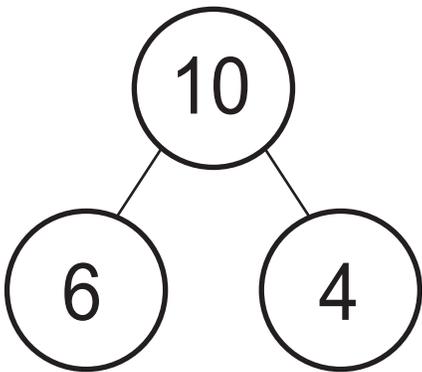
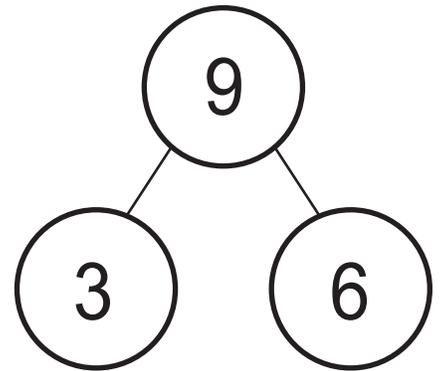
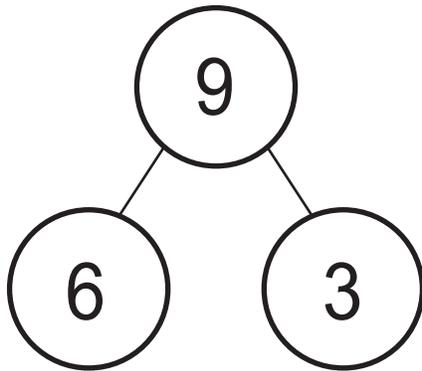
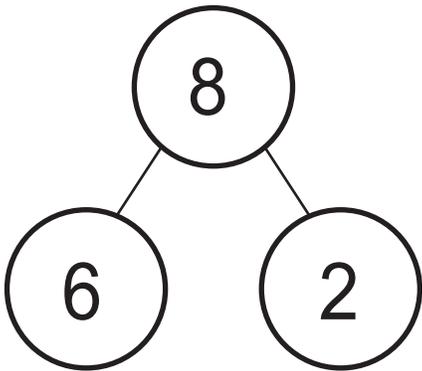
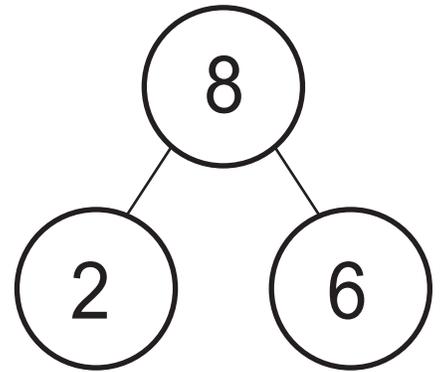
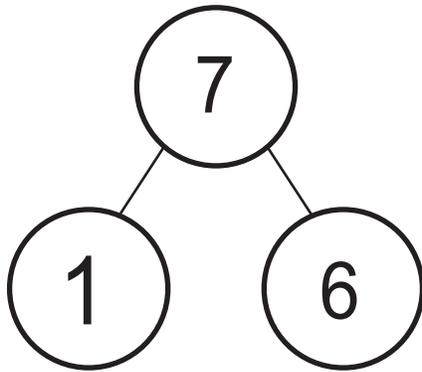
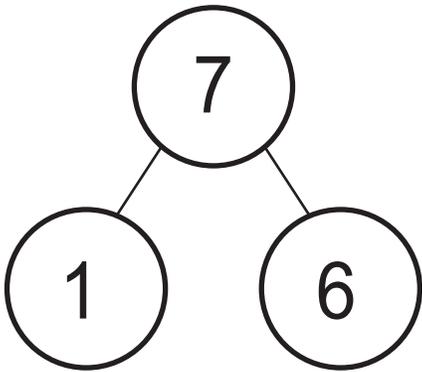
$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline 15 \end{array}$$

# Number Bonds: 6



## Complete the math sentences: Adding 6

$6 + 1 = \boxed{7}$

$6 + \boxed{0} = 6$

$\boxed{1} + 6 = 7$

$2 + 6 = \boxed{8}$

$6 + \boxed{2} = 8$

$\boxed{3} + 6 = 9$

$3 + 6 = \boxed{9}$

$6 + \boxed{4} = 10$

$\boxed{6} + 5 = 11$

$4 + 6 = \boxed{10}$

$6 + \boxed{6} = 12$

$\boxed{7} + 6 = 13$

$6 + 7 = \boxed{13}$

$6 + 9 = \boxed{15}$

## Adding 7

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 0 \\ + 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 10 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 7 \\ + 3 \\ \hline 10 \end{array}$$

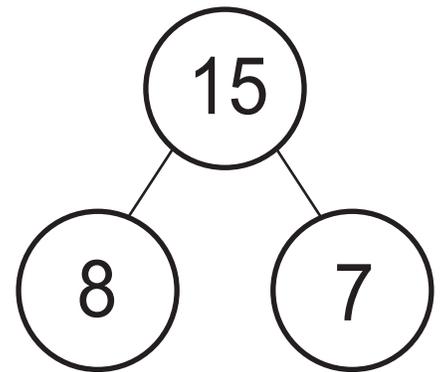
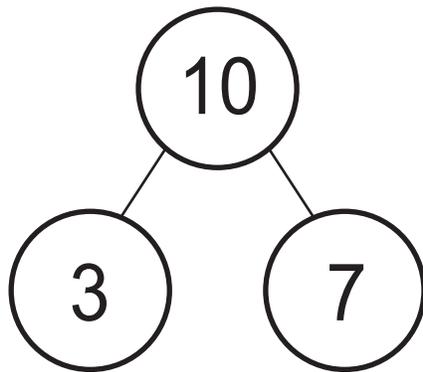
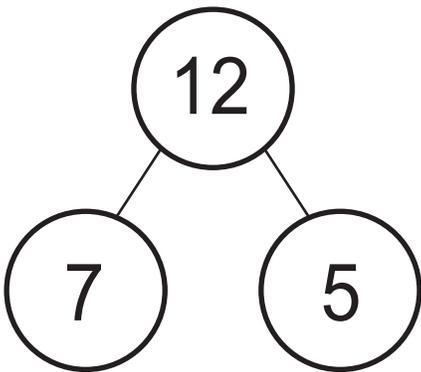
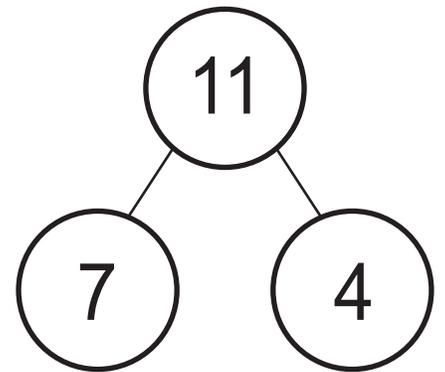
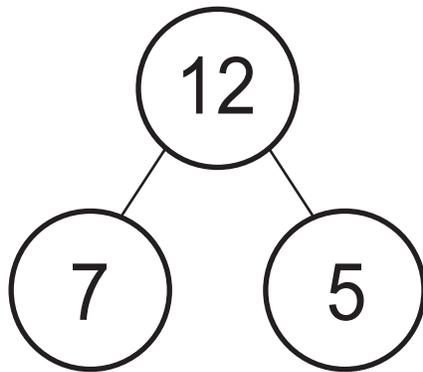
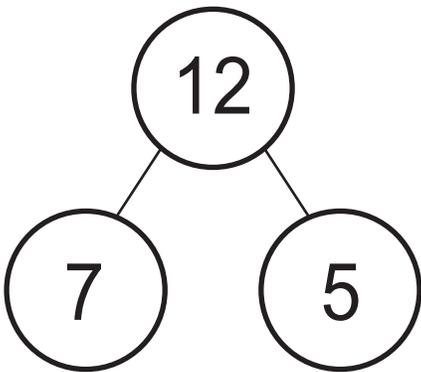
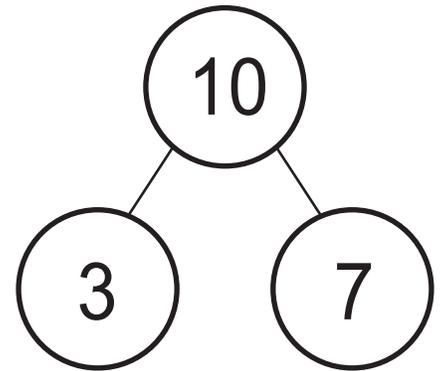
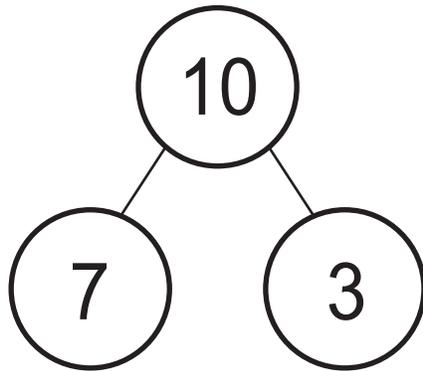
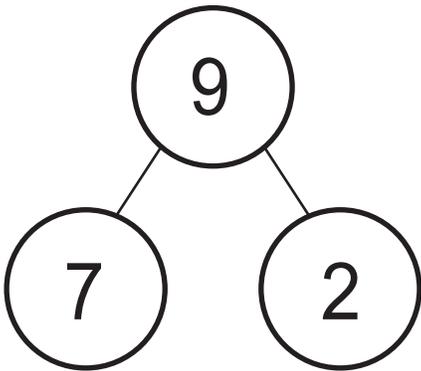
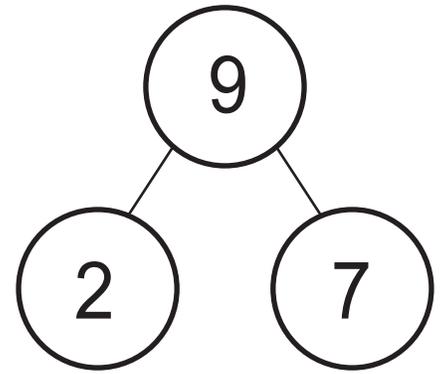
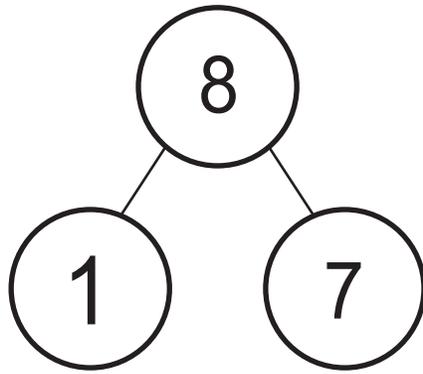
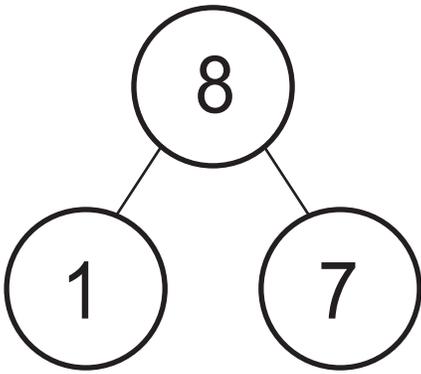
$$\begin{array}{r} 2 \\ + 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

# Number Bonds: 7



## Complete the math sentences -- Adding 7

$7 + 1 = \boxed{8}$

$7 + \boxed{0} = 7$

$\boxed{1} + 7 = 8$

$2 + 7 = \boxed{9}$

$7 + \boxed{2} = 9$

$\boxed{3} + 7 = 10$

$3 + 7 = \boxed{10}$

$3 + \boxed{7} = 10$

$\boxed{4} + 7 = 11$

$4 + 7 = \boxed{11}$

$7 + \boxed{5} = 12$

$\boxed{6} + 7 = 13$

$5 + 7 = \boxed{12}$

$7 + 8 = \boxed{15}$

## Adding 8

$$\begin{array}{r} 1 \\ + 8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 10 \\ + 8 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 0 \\ + 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 10 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 8 \\ + 3 \\ \hline 11 \end{array}$$

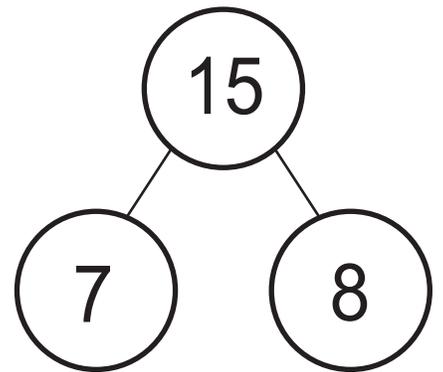
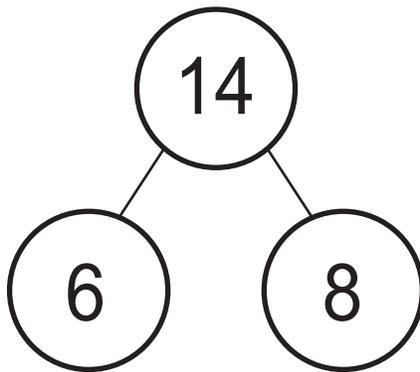
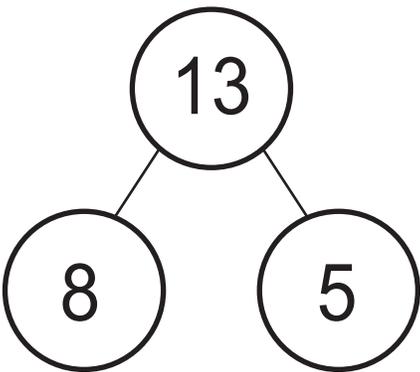
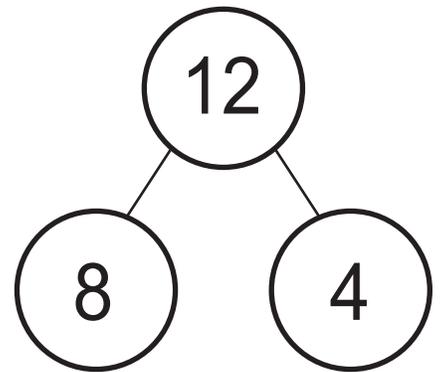
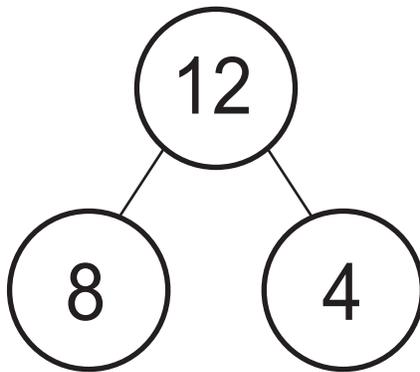
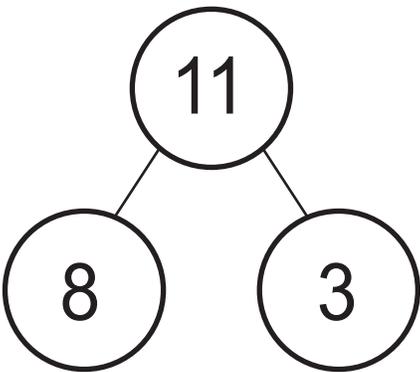
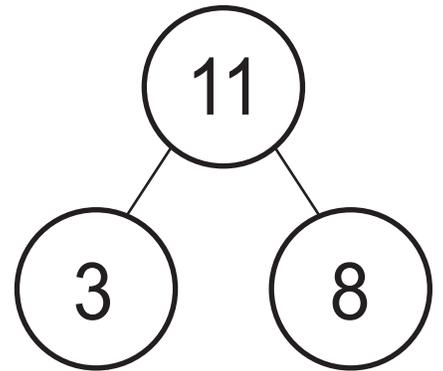
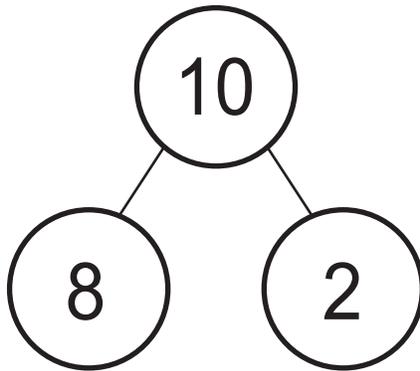
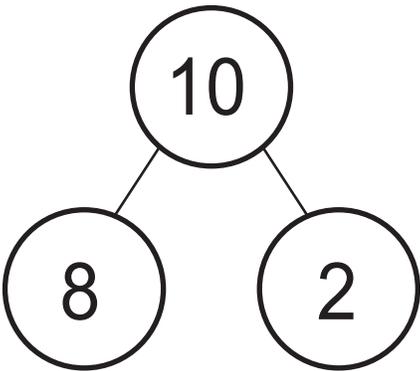
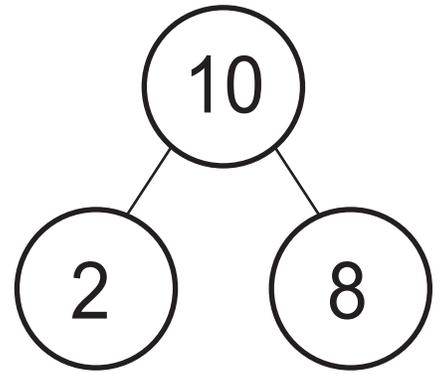
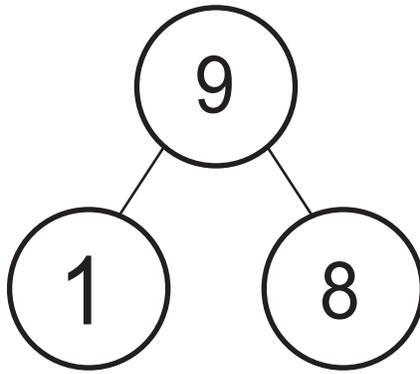
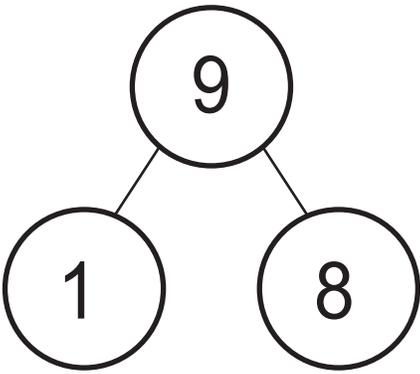
$$\begin{array}{r} 2 \\ + 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 8 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline 17 \end{array}$$

# Number Bonds: 8



## Complete the math sentences: Adding 8

$8 + 1 = \boxed{9}$

$8 + \boxed{0} = 8$

$\boxed{1} + 8 = 9$

$2 + 8 = \boxed{10}$

$8 + \boxed{2} = 10$

$\boxed{8} + 2 = 10$

$3 + 8 = \boxed{11}$

$3 + \boxed{8} = 11$

$\boxed{3} + 8 = 11$

$4 + 8 = \boxed{12}$

$8 + \boxed{4} = 12$

$\boxed{5} + 8 = 13$

$6 + 8 = \boxed{14}$

$7 + 8 = \boxed{15}$

## Adding 9

$$\begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 3 \\ + 9 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 5 \\ + 9 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 10 \\ + 9 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 0 \\ + 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 9 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 9 \\ + 10 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

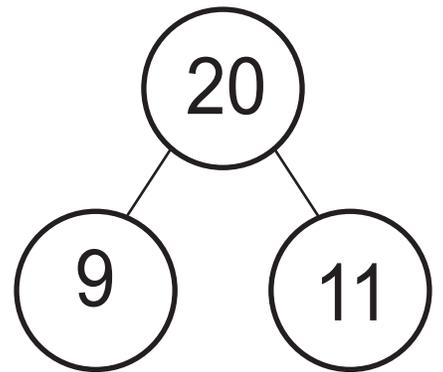
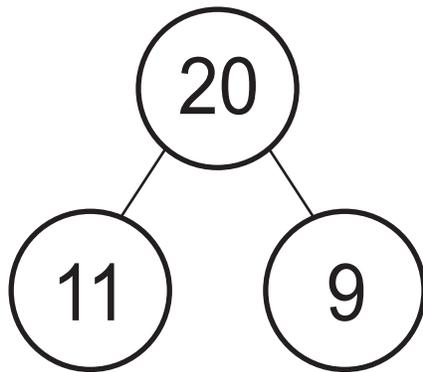
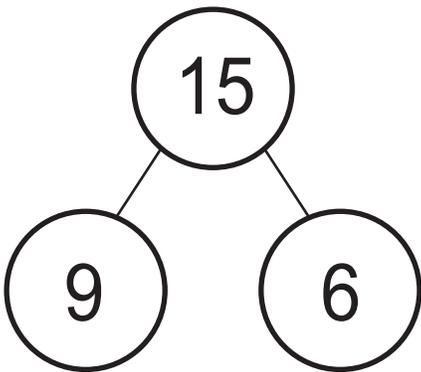
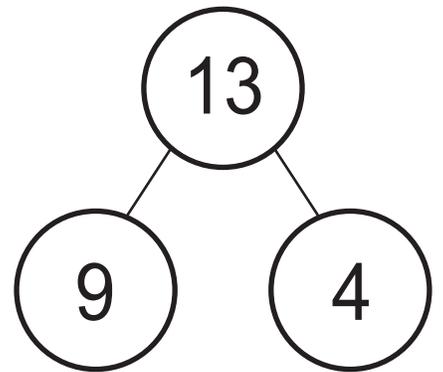
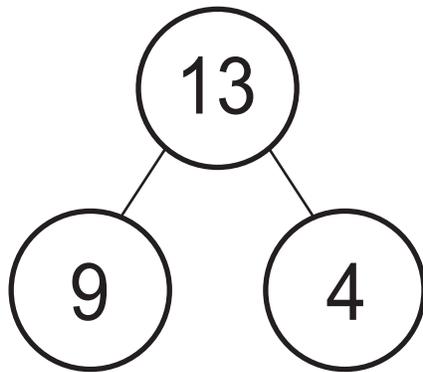
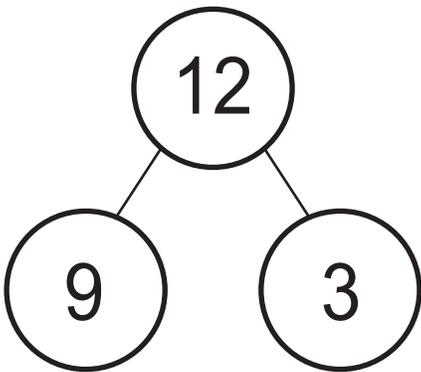
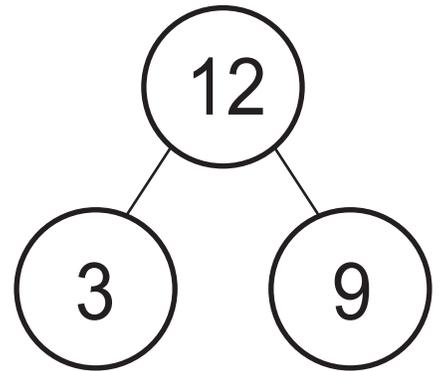
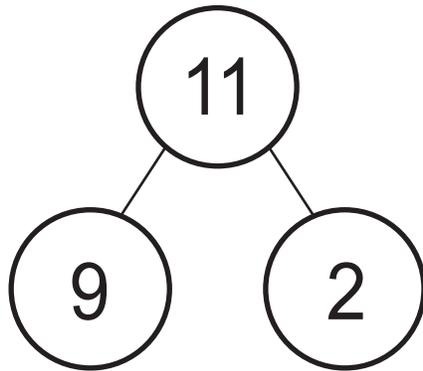
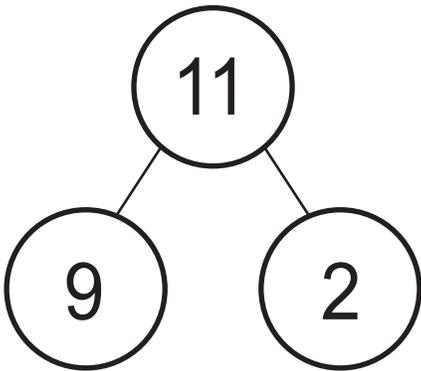
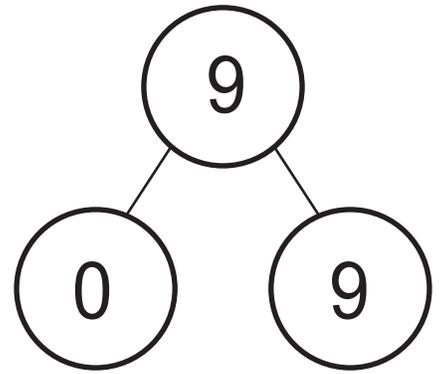
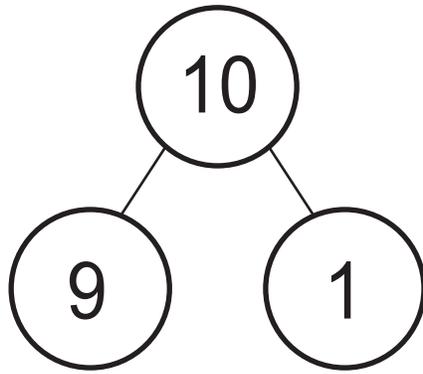
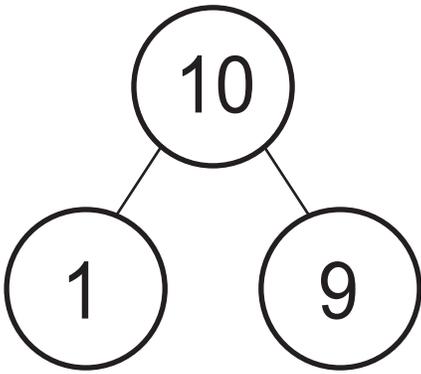
$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 9 \\ + 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 9 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 11 \\ + 9 \\ \hline 20 \end{array}$$

# Number Bonds: 9



## Complete the math sentences: Adding 9

$9 + 1 = \boxed{10}$

$9 + \boxed{1} = 10$

$\boxed{1} + 9 = 10$

$2 + 9 = \boxed{11}$

$9 + \boxed{2} = 11$

$\boxed{9} + 2 = 11$

$3 + 9 = \boxed{12}$

$3 + \boxed{9} = 12$

$\boxed{4} + 9 = 13$

$5 + 9 = \boxed{14}$

$9 + \boxed{6} = 15$

$\boxed{9} + 6 = 15$

$9 + 10 = \boxed{19}$

$11 + 9 = \boxed{20}$

## Adding 10

$$\begin{array}{r} 1 \\ + 10 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 3 \\ + 10 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 4 \\ + 10 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ + 10 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 6 \\ + 10 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 7 \\ + 10 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 8 \\ + 10 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 9 \\ + 10 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 0 \\ + 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 10 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \\ \hline 17 \end{array}$$

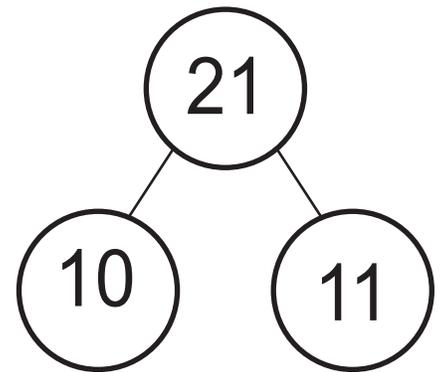
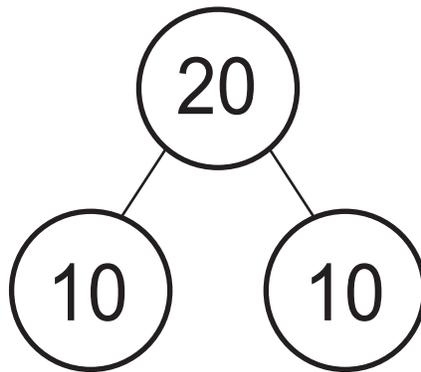
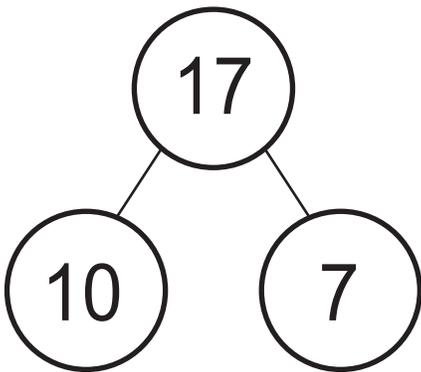
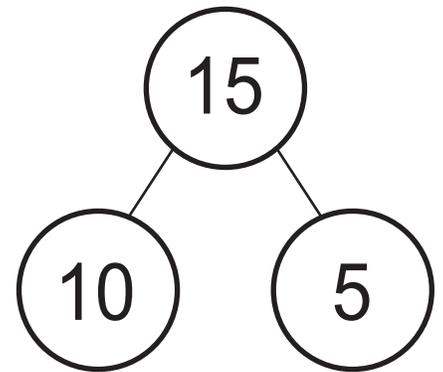
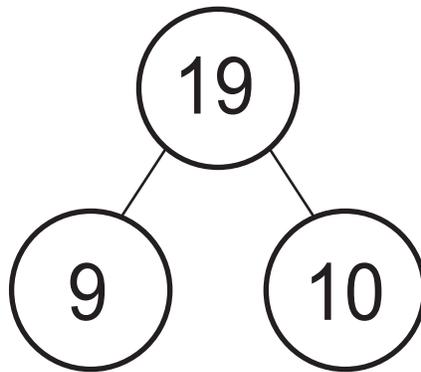
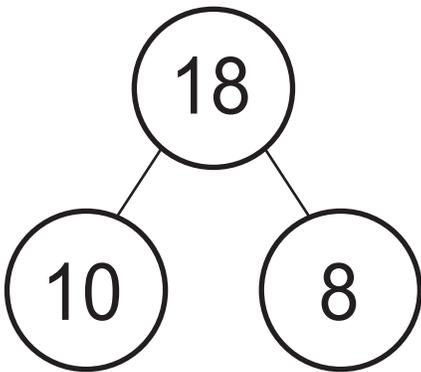
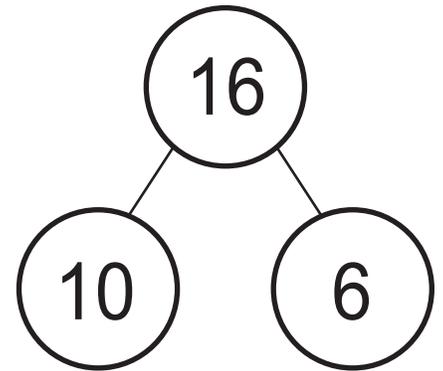
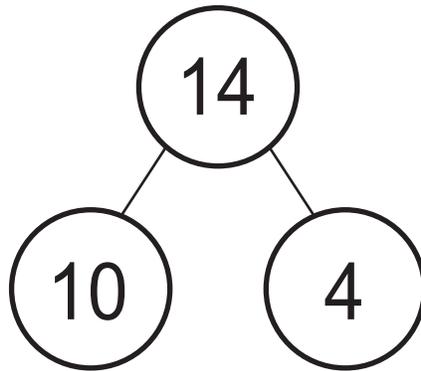
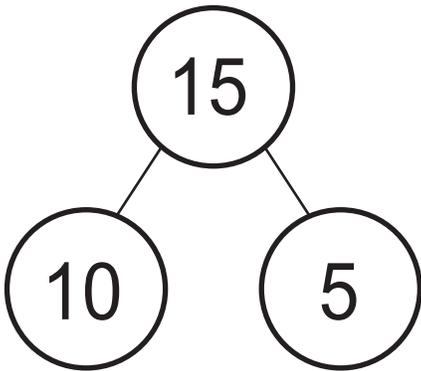
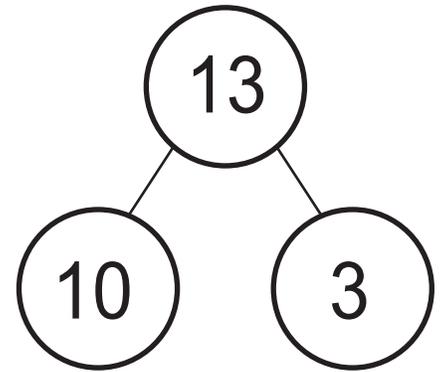
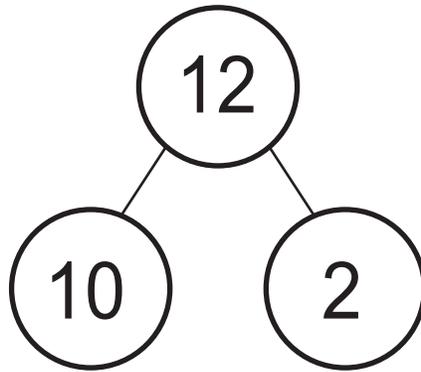
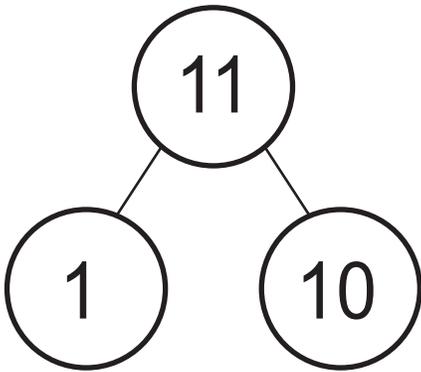
$$\begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 11 \\ + 10 \\ \hline 21 \end{array}$$

# Number Bonds: 10



## Complete the math sentences: Adding 10

$10 + 1 = \boxed{11}$

$10 + \boxed{1} = 11$

$\boxed{2} + 10 = 12$

$2 + 10 = \boxed{12}$

$10 + \boxed{3} = 13$

$\boxed{10} + 3 = 13$

$4 + 10 = \boxed{14}$

$4 + \boxed{10} = 14$

$\boxed{5} + 10 = 15$

$5 + 10 = \boxed{15}$

$10 + \boxed{7} = 17$

$\boxed{10} + 6 = 16$

$8 + 10 = \boxed{18}$

$10 + 9 = \boxed{19}$

## Review: Adding 1 to 10

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ + 10 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline 15 \end{array}$$

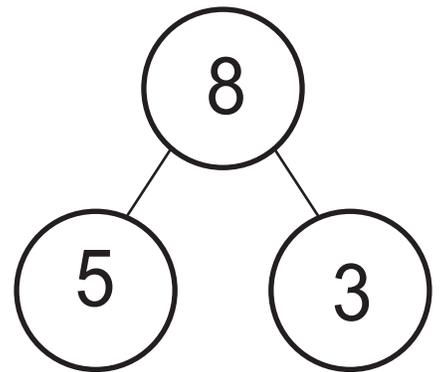
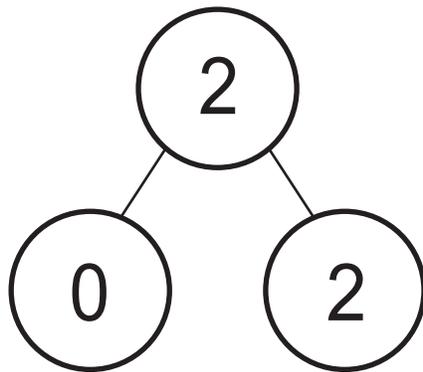
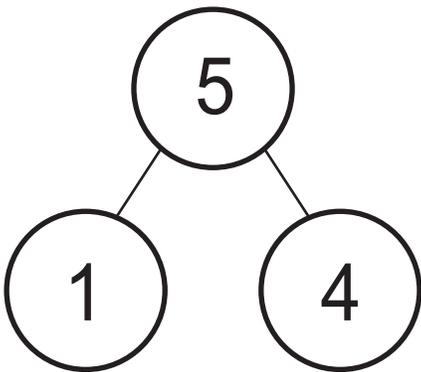
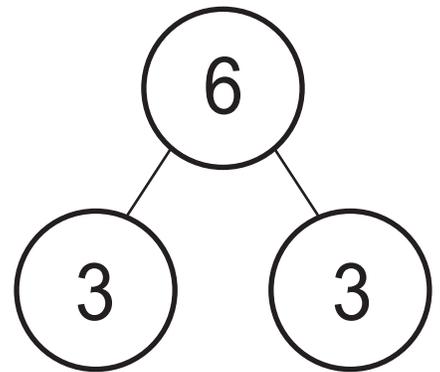
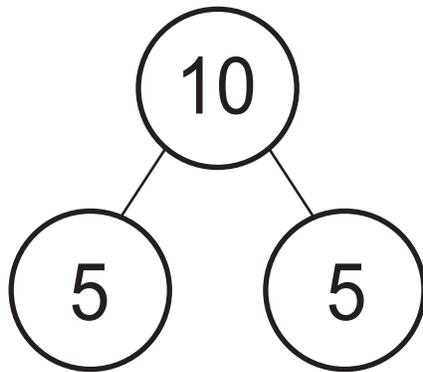
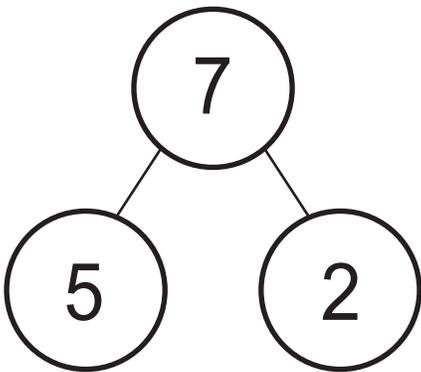
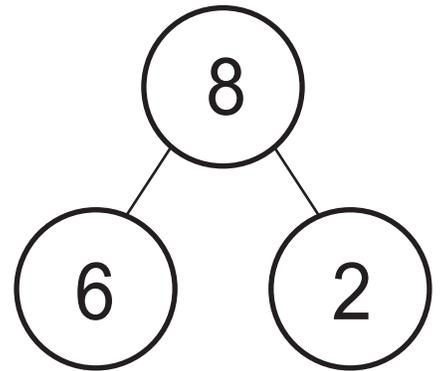
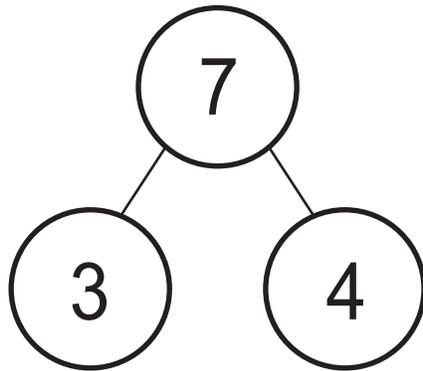
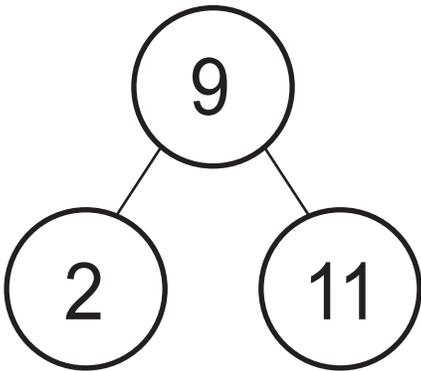
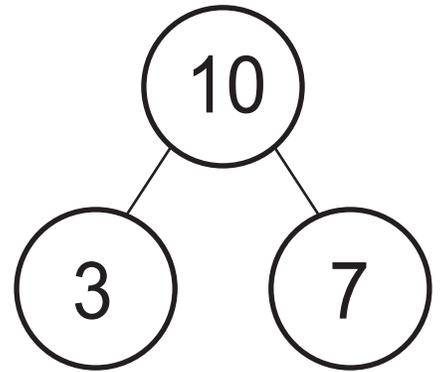
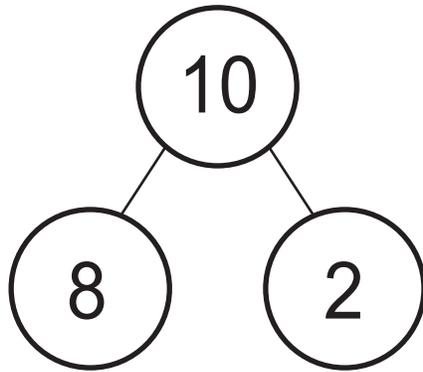
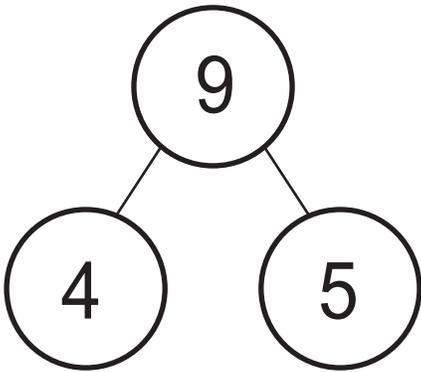
$$\begin{array}{r} 9 \\ + 10 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 8 \\ + 5 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

## Review: Number Bonds



Review: Complete the math sentences

$10 + 3 = \boxed{13}$

$2 + \boxed{7} = 9$

$\boxed{3} + 7 = 10$

$2 + 4 = \boxed{6}$

$5 + \boxed{7} = 12$

$\boxed{6} + 3 = 9$

$4 + 3 = \boxed{7}$

$4 + \boxed{4} = 8$

$\boxed{2} + 8 = 10$

$5 + 5 = \boxed{10}$

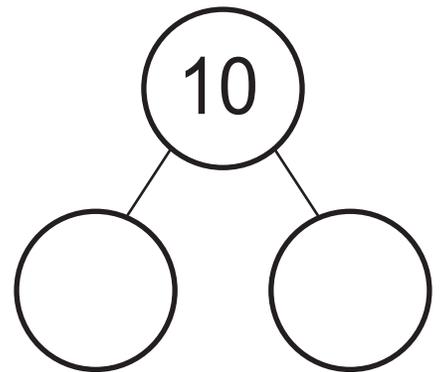
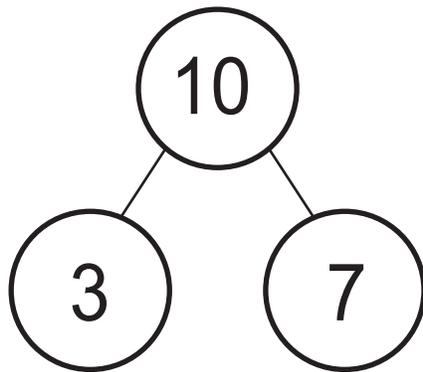
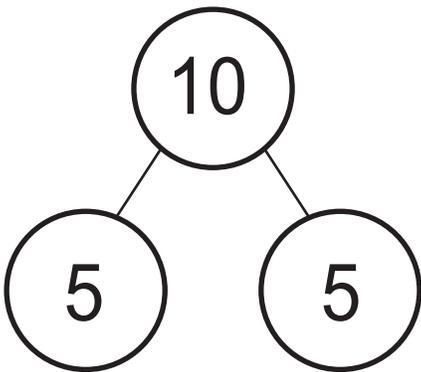
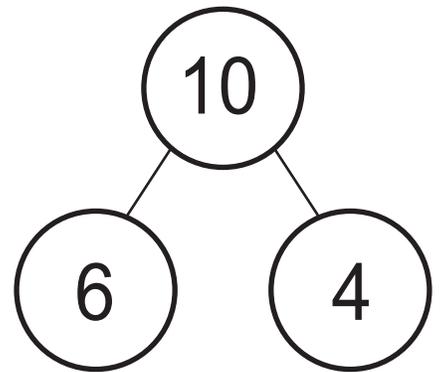
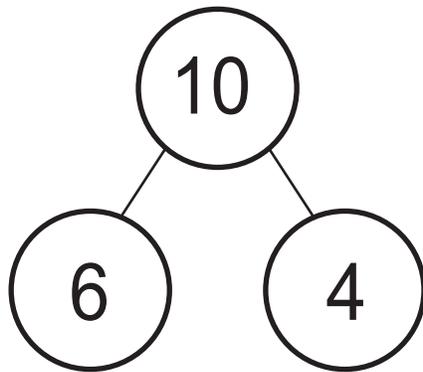
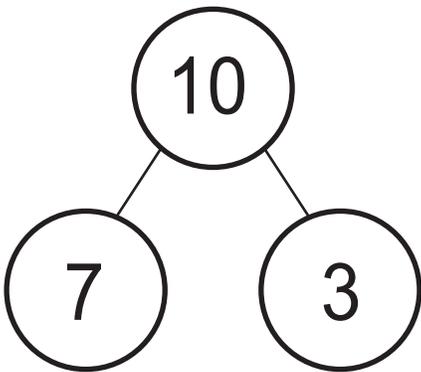
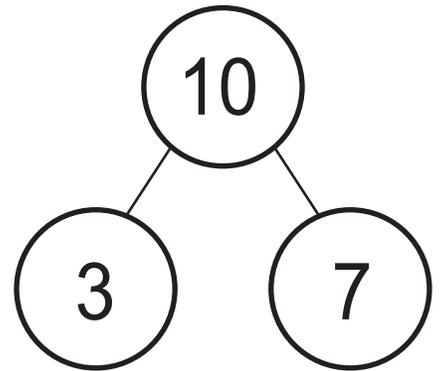
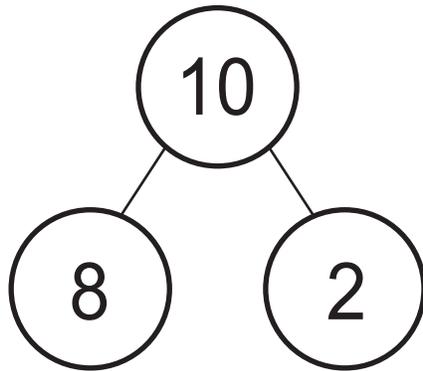
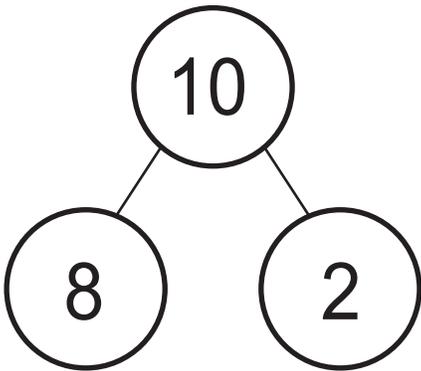
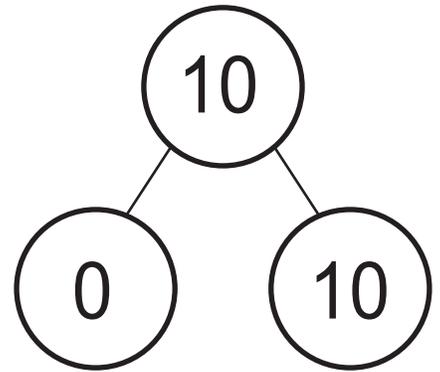
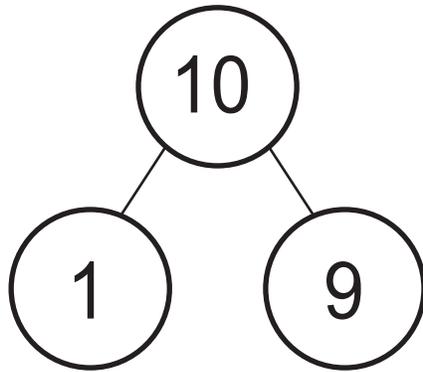
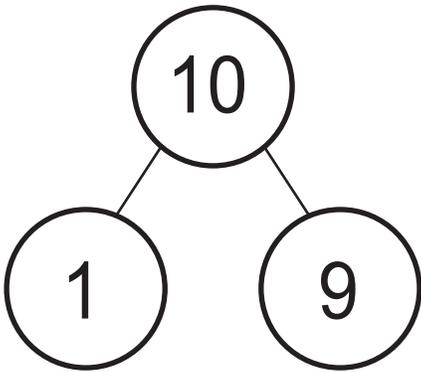
$10 + \boxed{7} = 17$

$\boxed{5} + 2 = 7$

$8 + 3 = \boxed{11}$

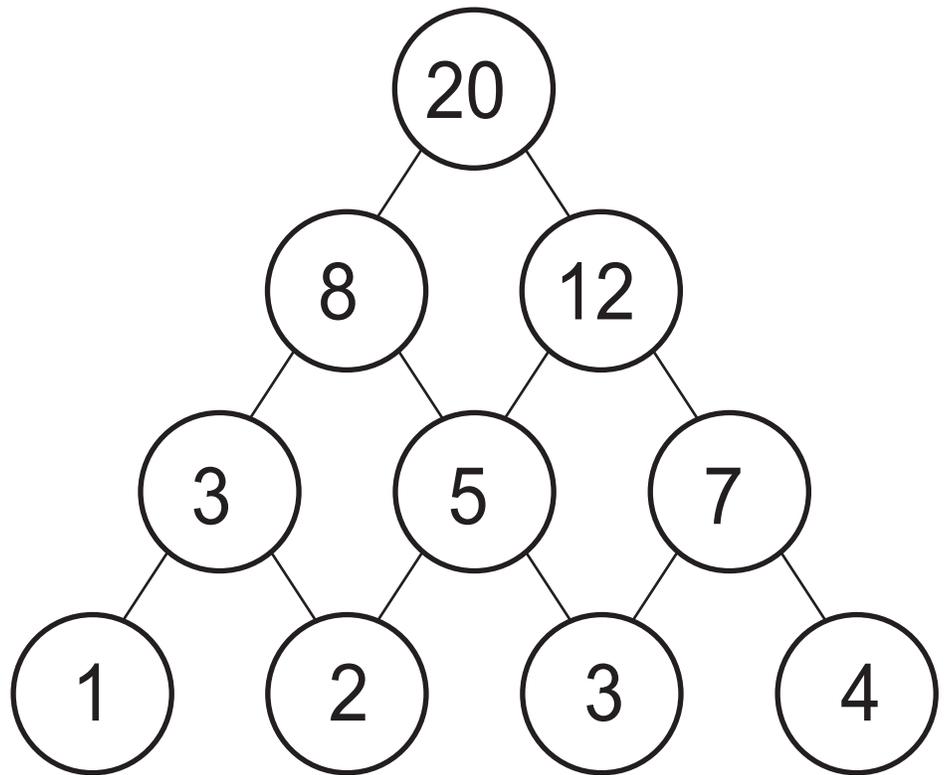
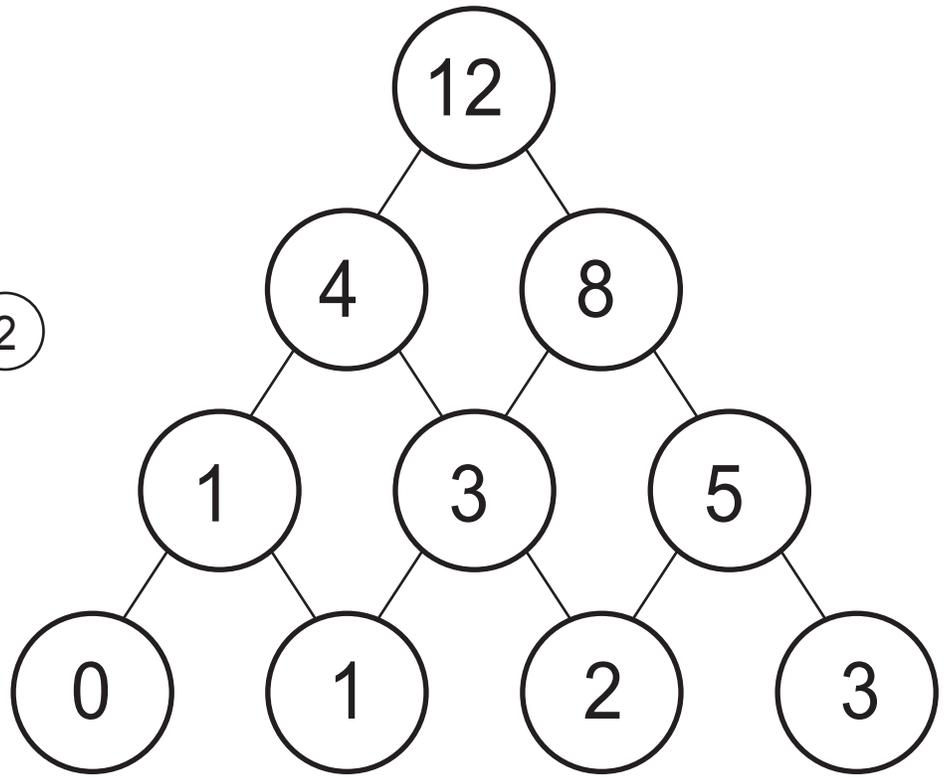
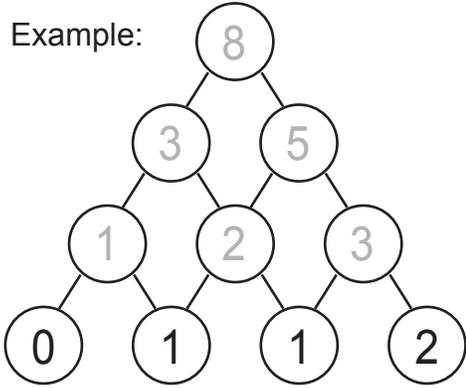
$7 + 9 = \boxed{16}$

# Number Bonds: Make 10

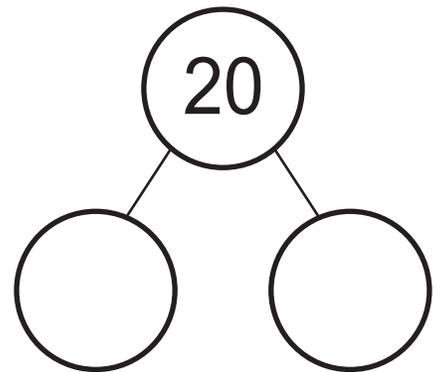
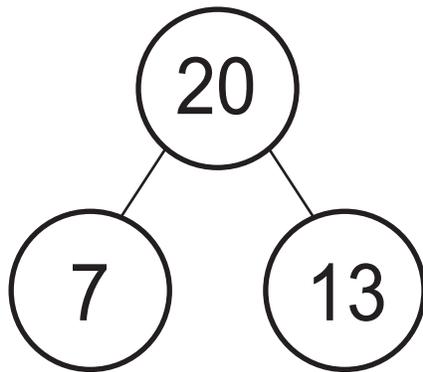
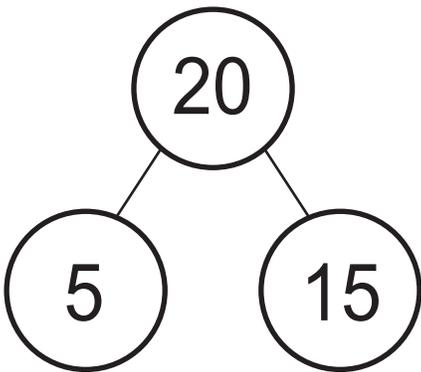
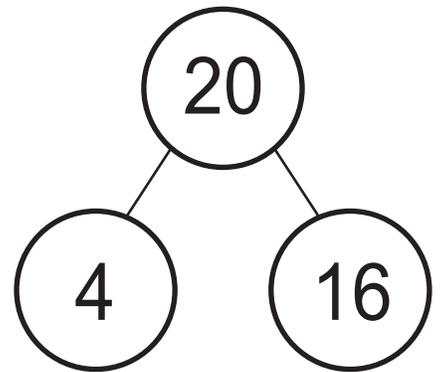
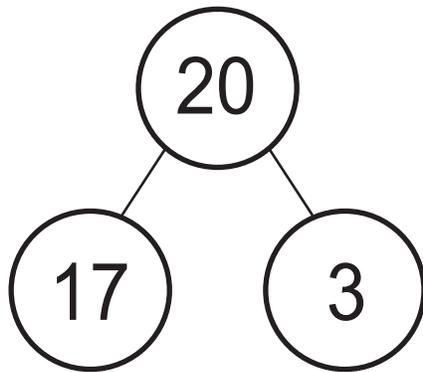
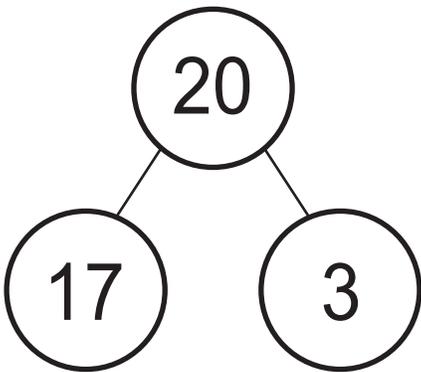
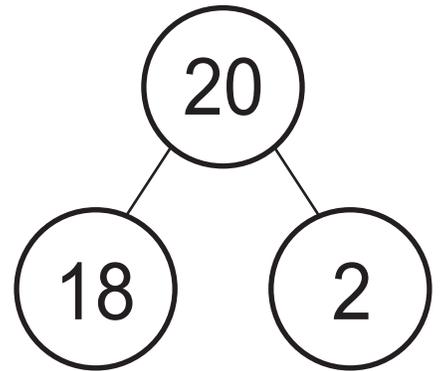
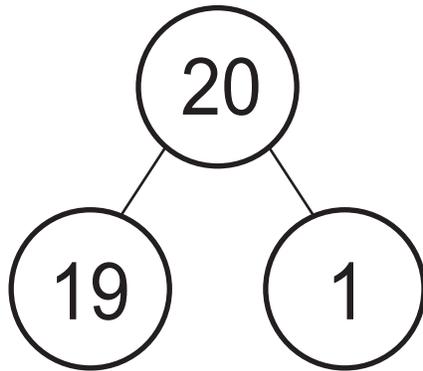
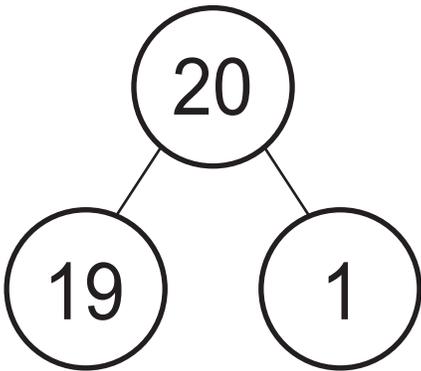
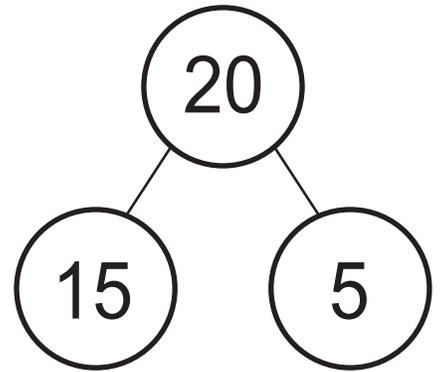
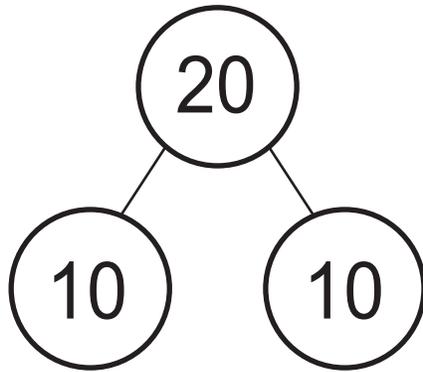
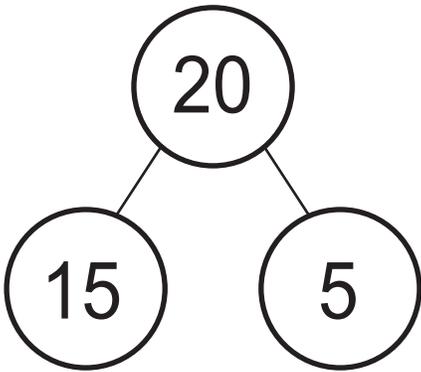


## Challenge: Complete the number bond pyramid

Example:



# Number Bonds: Make 20



## Subtracting 1

$$\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 12 \\ - 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 13 \\ - 1 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 14 \\ - 1 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 15 \\ - 1 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 16 \\ - 1 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 17 \\ - 1 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 18 \\ - 1 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 19 \\ - 1 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 20 \\ - 1 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$$

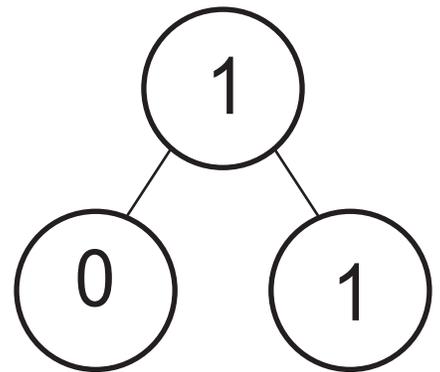
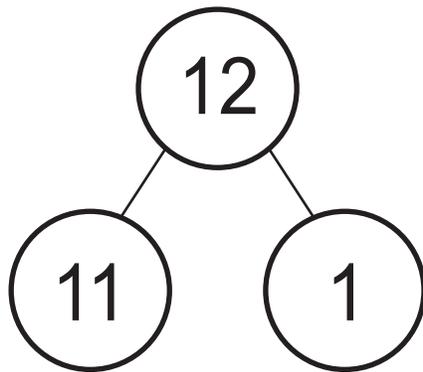
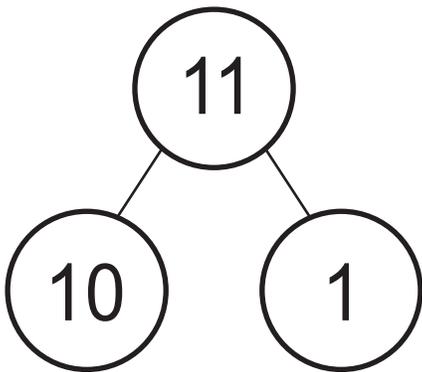
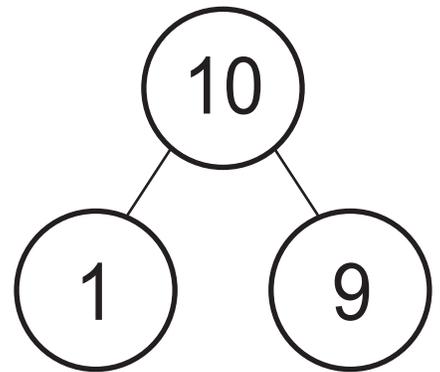
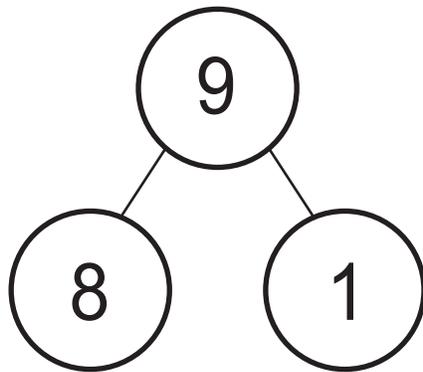
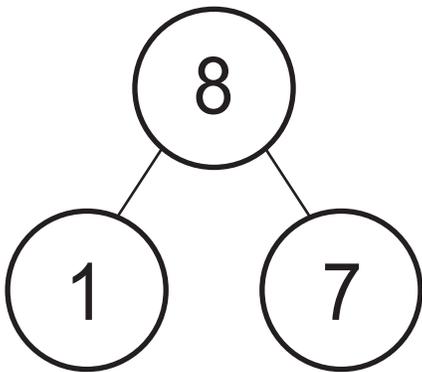
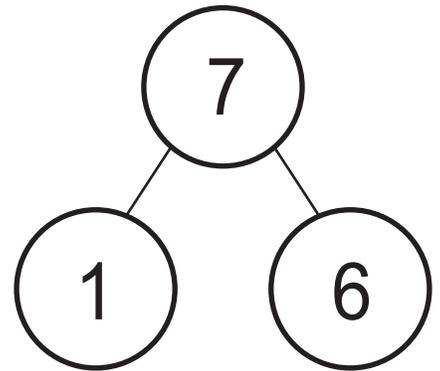
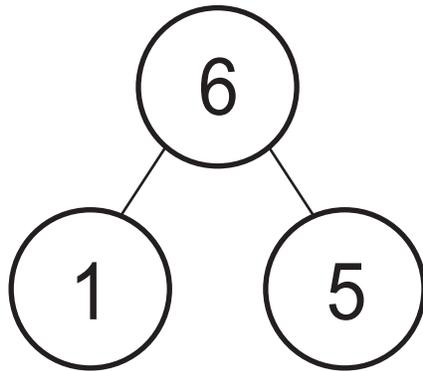
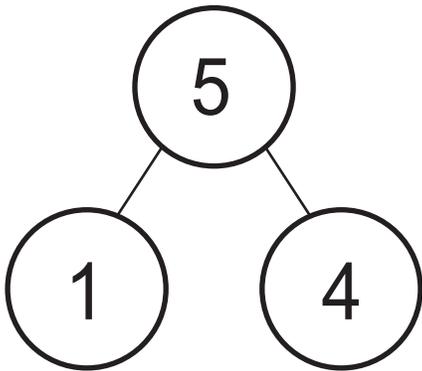
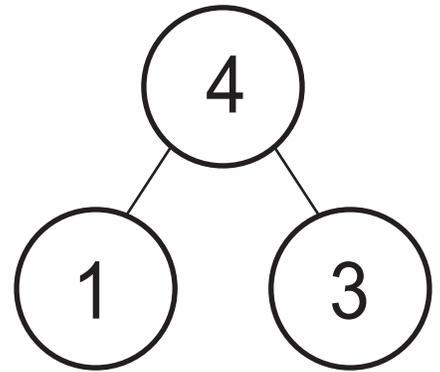
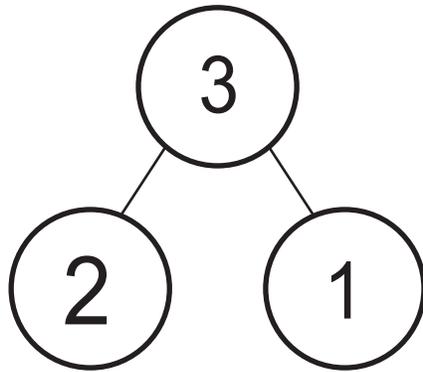
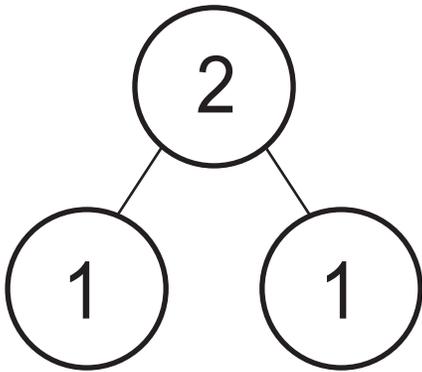
$$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 21 \\ - 1 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 1 \\ - 1 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$$

## Number Bonds: Subtracting 1



## Complete the math sentences: Subtracting 1

$1 - 1 = \boxed{0}$

$3 - \boxed{1} = 2$

$\boxed{4} - 1 = 3$

$2 - 1 = \boxed{1}$

$5 - \boxed{1} = 4$

$\boxed{4} - 1 = 3$

$3 - 1 = \boxed{2}$

$7 - \boxed{1} = 6$

$\boxed{6} - 1 = 5$

$4 - 1 = \boxed{3}$

$8 - \boxed{1} = 7$

$\boxed{7} - 1 = 6$

$9 - 1 = \boxed{8}$

$10 - 1 = \boxed{9}$

## Subtracting 2

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 11 \\ - 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 12 \\ - 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 13 \\ - 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 14 \\ - 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 15 \\ - 2 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 16 \\ - 2 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 18 \\ - 2 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 19 \\ - 2 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 20 \\ - 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

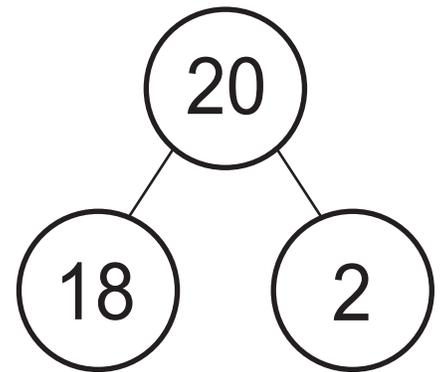
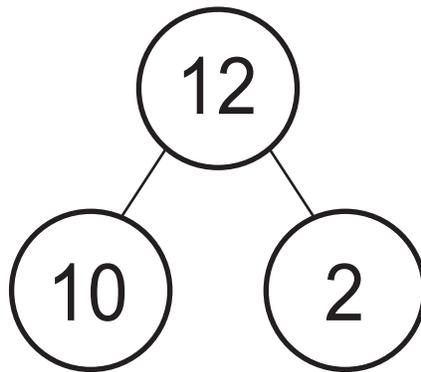
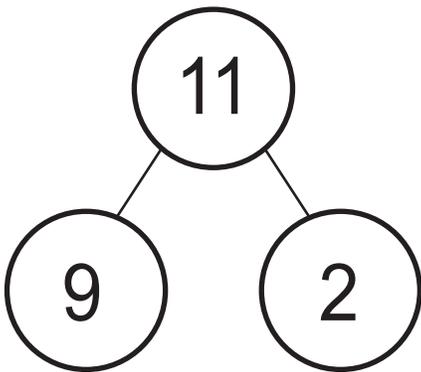
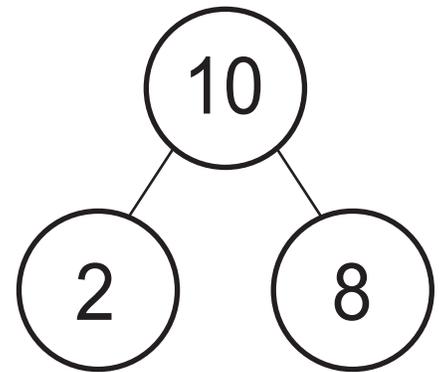
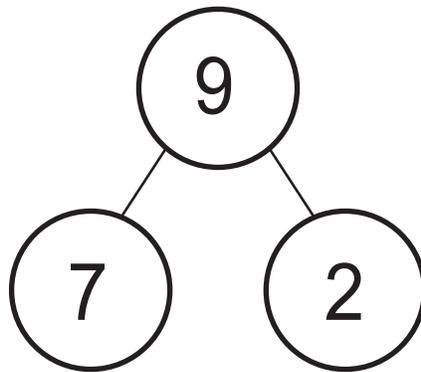
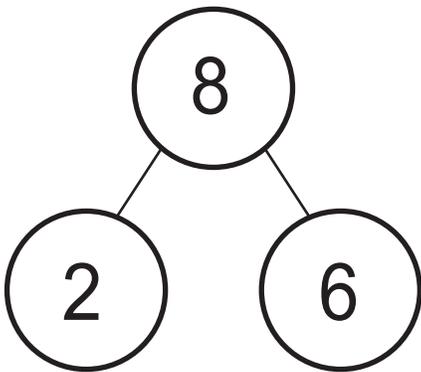
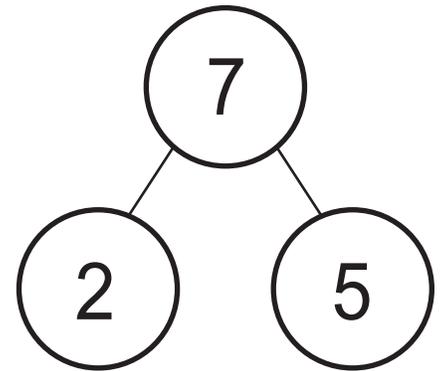
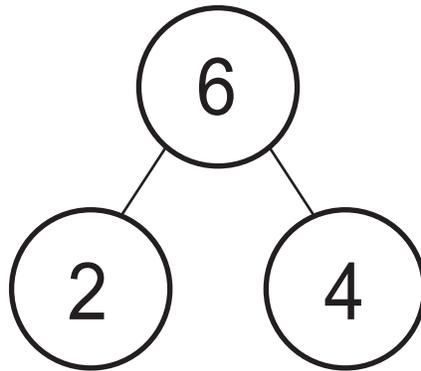
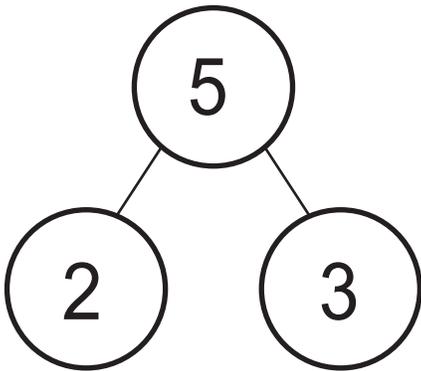
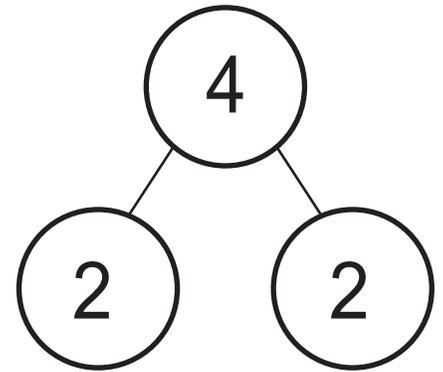
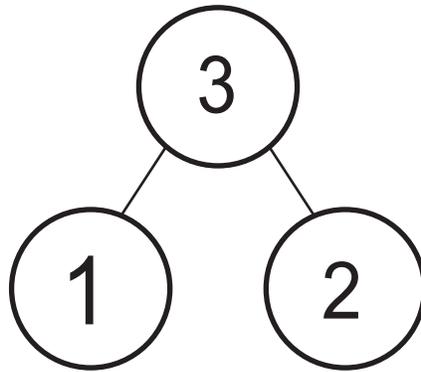
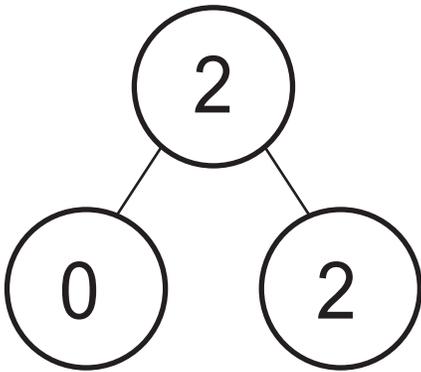
$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 15 \\ - 2 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 20 \\ - 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 12 \\ - 2 \\ \hline 10 \end{array}$$

## Number Bonds: Subtracting 2



## Complete the math sentences: Subtracting 2

$2 - 2 = \boxed{0}$

$3 - \boxed{2} = 1$

$\boxed{4} - 2 = 2$

$5 - 2 = \boxed{3}$

$5 - \boxed{2} = 3$

$\boxed{5} - 2 = 3$

$4 - 2 = \boxed{2}$

$6 - \boxed{2} = 4$

$\boxed{7} - 2 = 5$

$7 - 2 = \boxed{5}$

$8 - \boxed{2} = 6$

$\boxed{9} - 2 = 7$

$9 - 2 = \boxed{7}$

$10 - 2 = \boxed{8}$

## Subtracting 3

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 11 \\ - 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 12 \\ - 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 14 \\ - 3 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 15 \\ - 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 16 \\ - 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 17 \\ - 3 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 18 \\ - 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 19 \\ - 3 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 20 \\ - 3 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 8 \end{array}$$

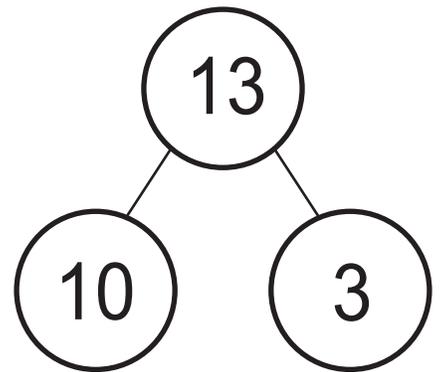
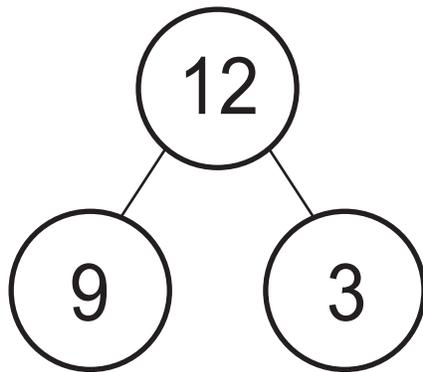
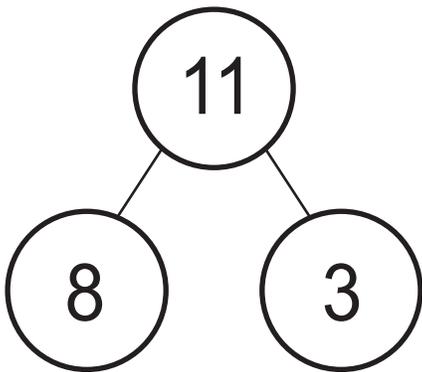
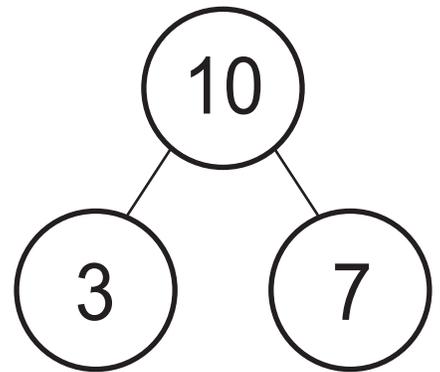
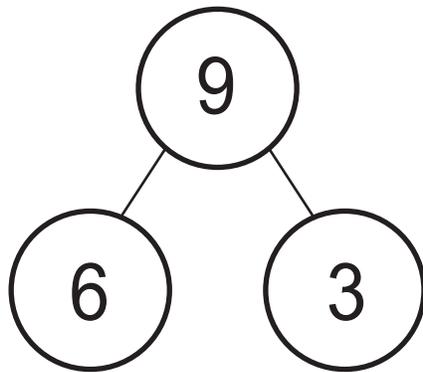
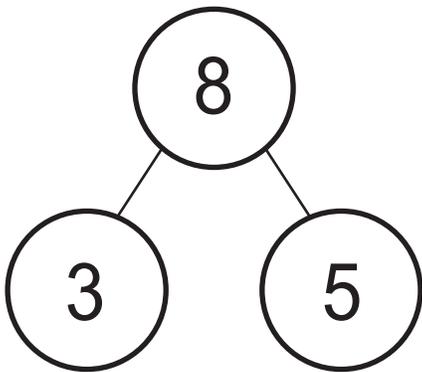
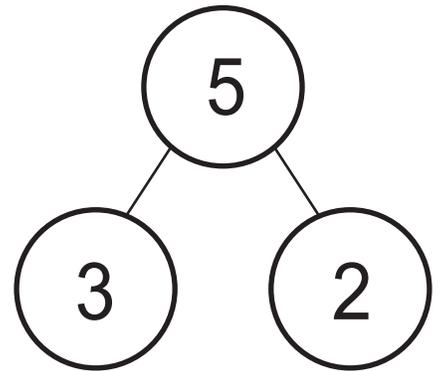
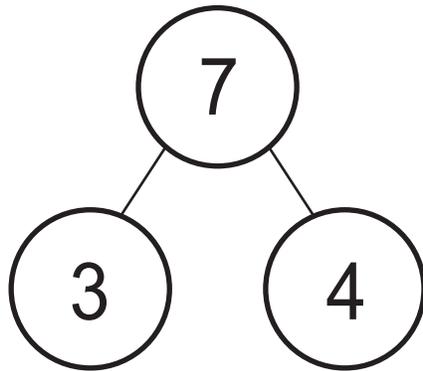
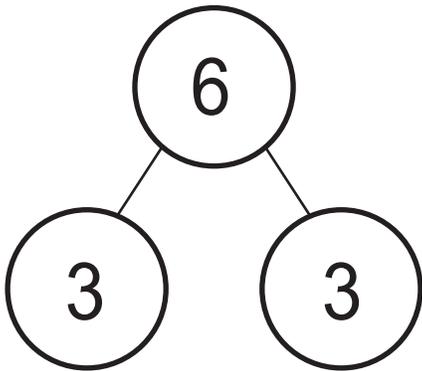
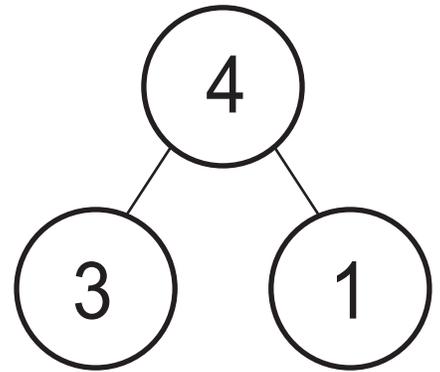
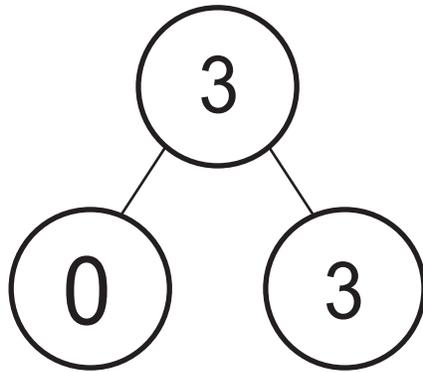
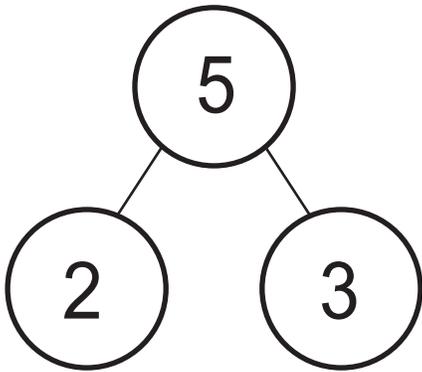
$$\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ - 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 20 \\ - 3 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array}$$

## Number Bonds: Subtracting 3



## Complete the math sentences: Subtracting 3

$4 - 3 = \boxed{1}$

$3 - \boxed{3} = 0$

$\boxed{5} - 3 = 2$

$5 - 3 = \boxed{2}$

$6 - \boxed{3} = 3$

$\boxed{7} - 3 = 4$

$7 - 3 = \boxed{4}$

$8 - \boxed{3} = 5$

$\boxed{8} - 3 = 5$

$9 - 3 = \boxed{6}$

$9 - \boxed{3} = 6$

$\boxed{10} - 3 = 7$

$9 - 3 = \boxed{6}$

$10 - 3 = \boxed{7}$

## Subtracting 4

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 11 \\ - 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 12 \\ - 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 13 \\ - 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 14 \\ - 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 15 \\ - 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 16 \\ - 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 17 \\ - 4 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 18 \\ - 4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 19 \\ - 4 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 20 \\ - 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

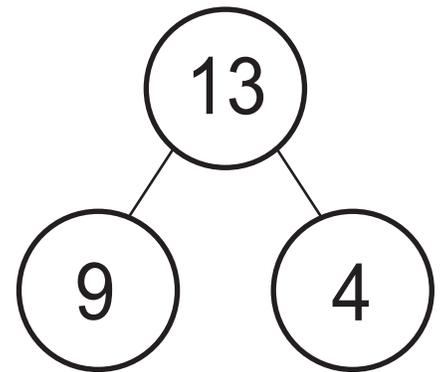
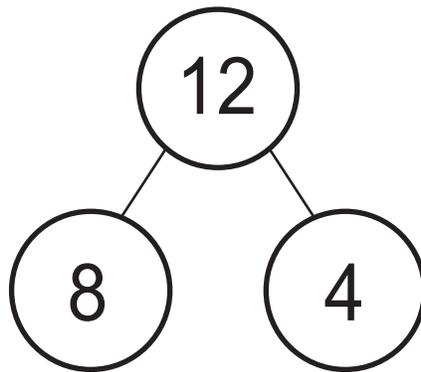
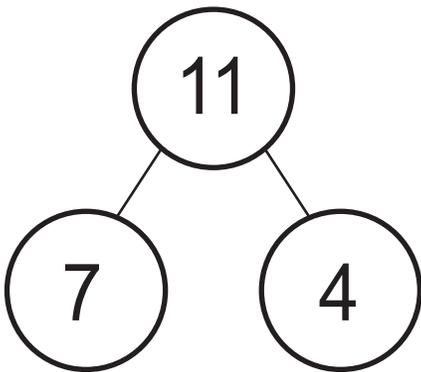
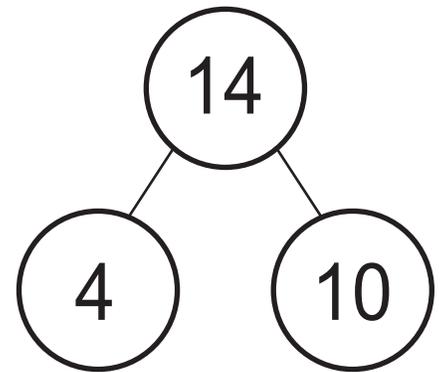
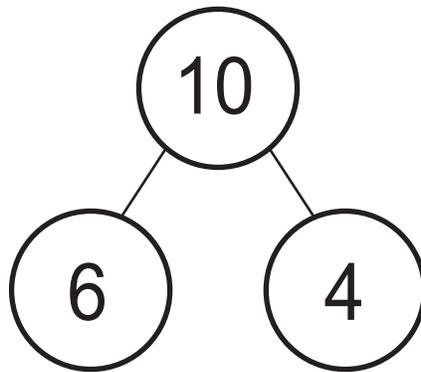
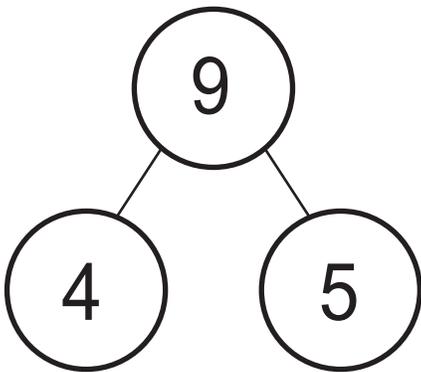
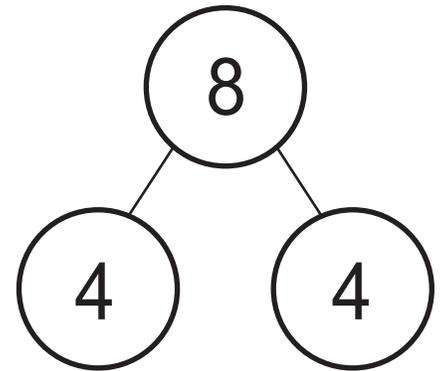
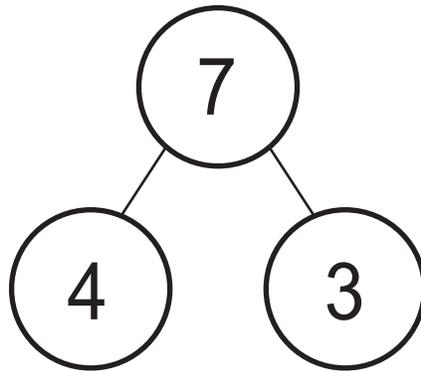
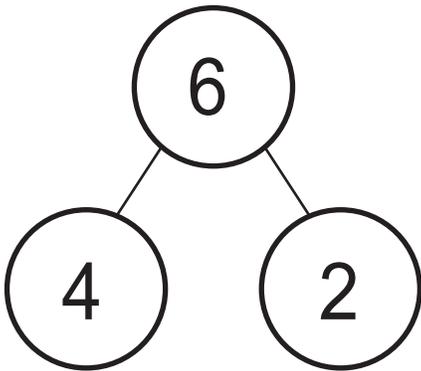
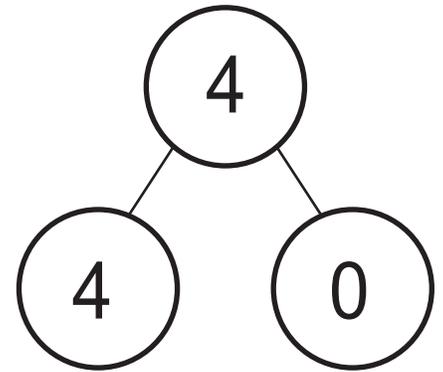
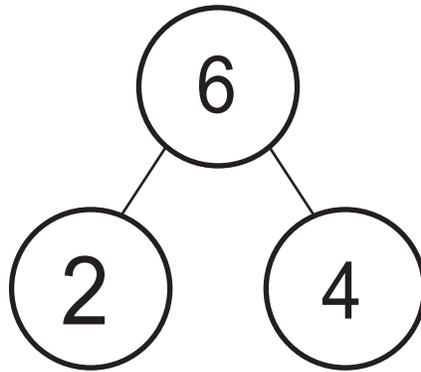
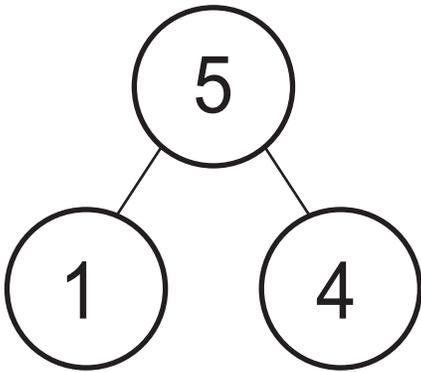
$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 15 \\ - 4 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 20 \\ - 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 14 \\ - 4 \\ \hline 10 \end{array}$$

## Number Bonds: Subtracting 4



## Complete the math sentences: Subtracting 4

$4 - 4 = \boxed{0}$

$4 - \boxed{4} = 0$

$\boxed{6} - 4 = 2$

$6 - 4 = \boxed{2}$

$7 - \boxed{4} = 3$

$\boxed{8} - 4 = 4$

$8 - 4 = \boxed{4}$

$9 - \boxed{4} = 5$

$\boxed{9} - 4 = 5$

$10 - 4 = \boxed{6}$

$10 - \boxed{4} = 6$

$\boxed{11} - 4 = 7$

$11 - 4 = \boxed{7}$

$10 - 4 = \boxed{6}$

## Subtracting 5

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 12 \\ - 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 13 \\ - 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 14 \\ - 5 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 16 \\ - 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 17 \\ - 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 18 \\ - 5 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 19 \\ - 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 20 \\ - 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$$

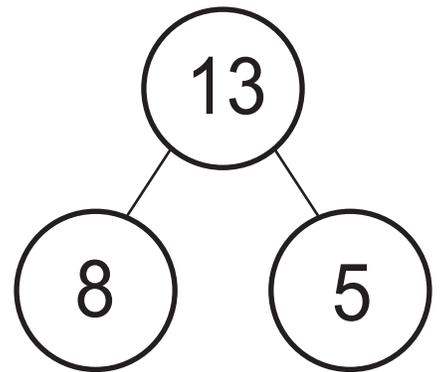
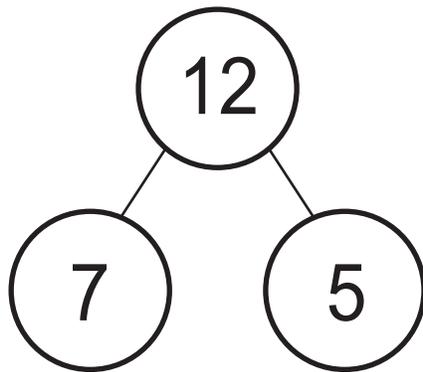
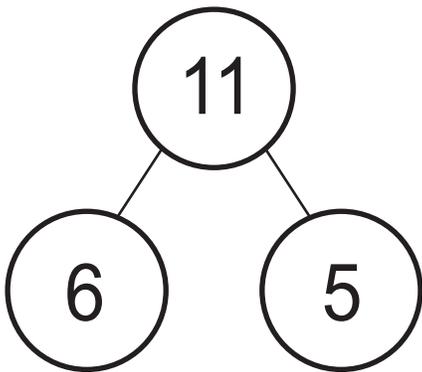
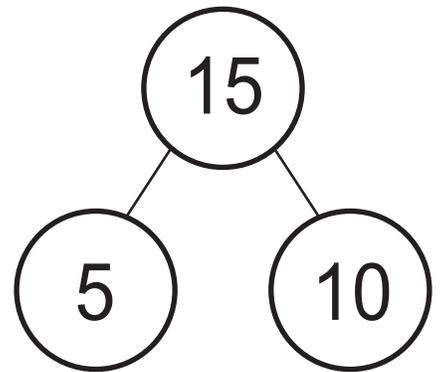
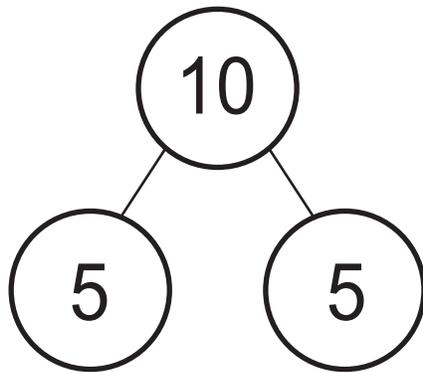
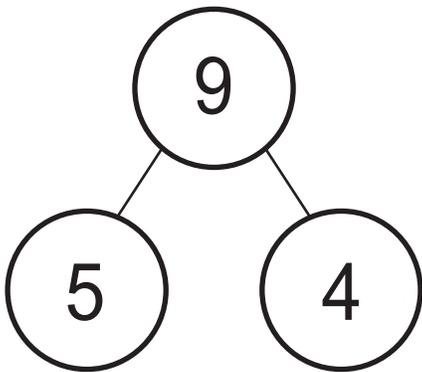
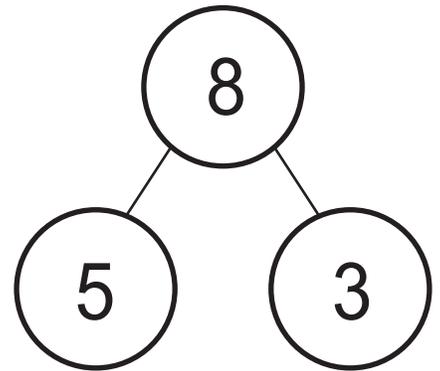
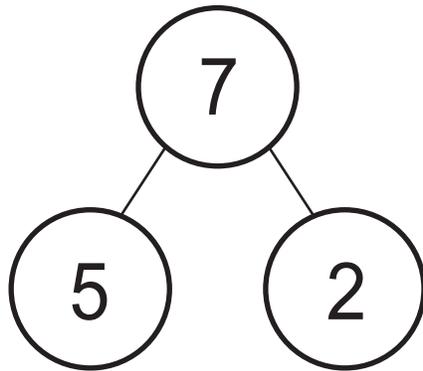
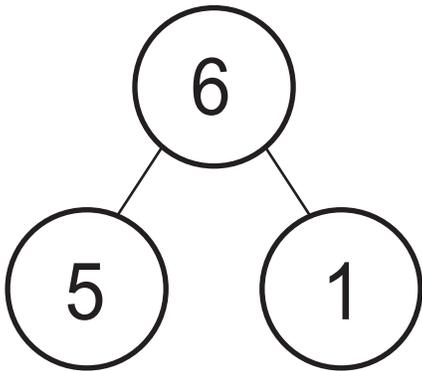
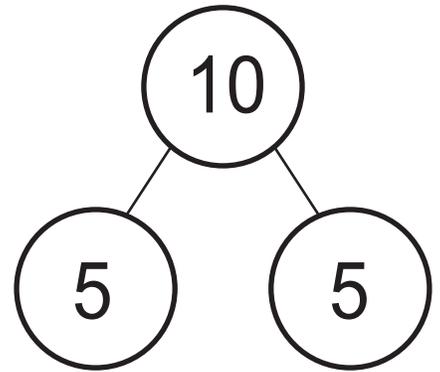
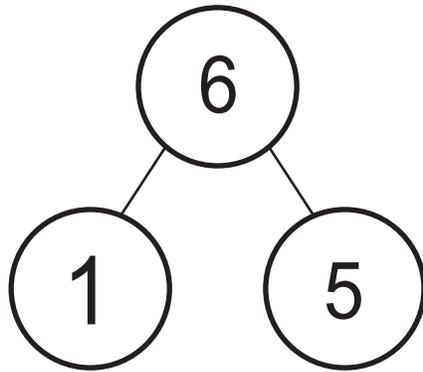
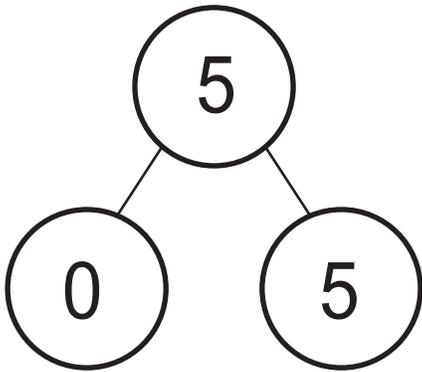
$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 25 \\ - 5 \\ \hline 20 \end{array}$$

## Number Bonds: Subtracting 5



## Complete the math sentences -- Subtracting 5

$5 - 5 = \boxed{0}$

$5 - \boxed{5} = 0$

$\boxed{6} - 5 = 1$

$6 - 5 = \boxed{1}$

$7 - \boxed{5} = 2$

$\boxed{8} - 5 = 3$

$8 - 5 = \boxed{3}$

$9 - \boxed{5} = 4$

$\boxed{10} - 5 = 5$

$10 - 5 = \boxed{5}$

$11 - \boxed{5} = 6$

$\boxed{12} - 5 = 7$

$15 - 5 = \boxed{10}$

$20 - 5 = \boxed{15}$

## Review: Subtracting 1 to 5

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 11 \\ - 5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 13 \\ - 3 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

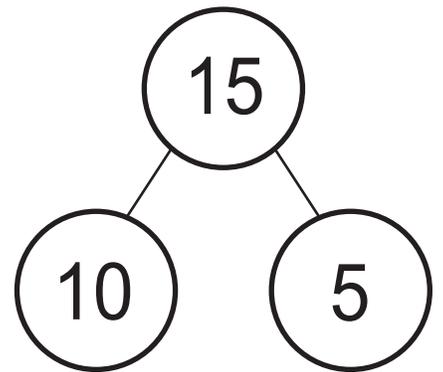
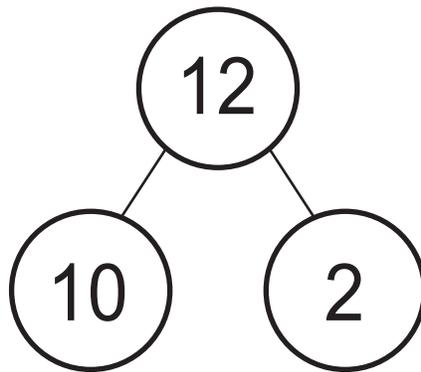
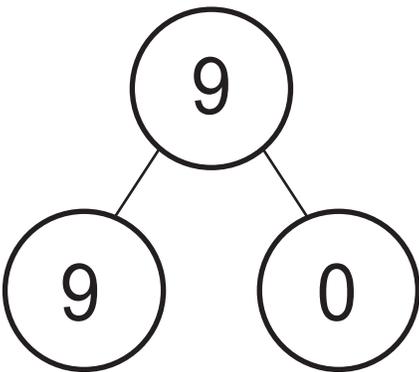
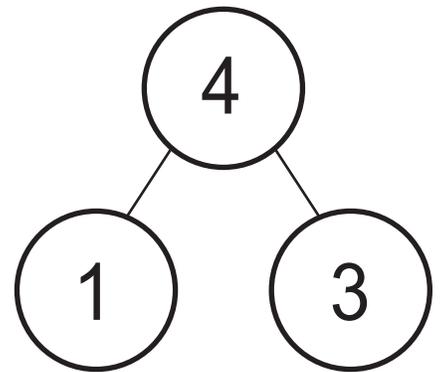
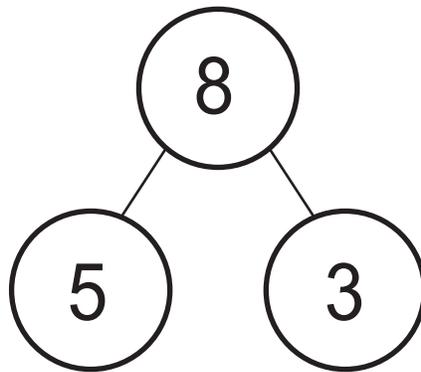
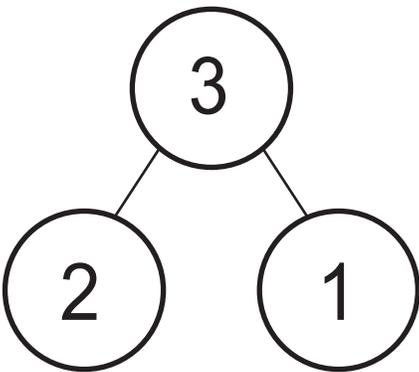
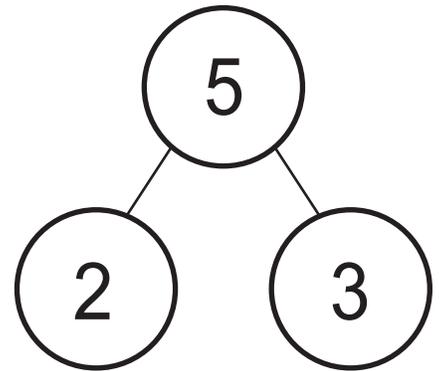
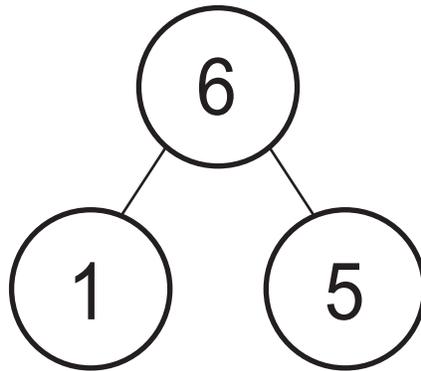
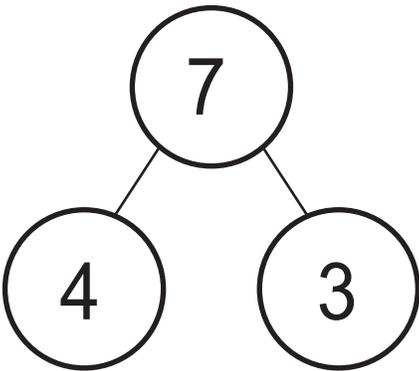
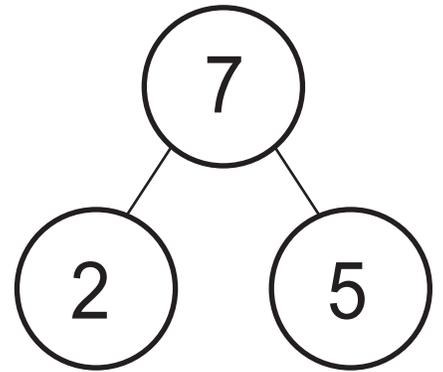
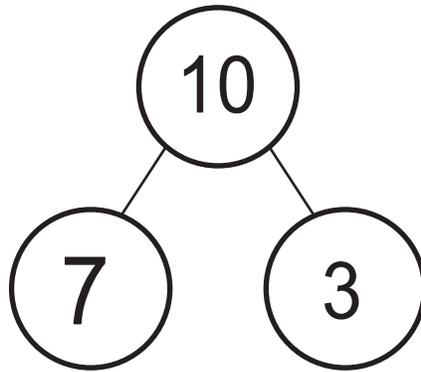
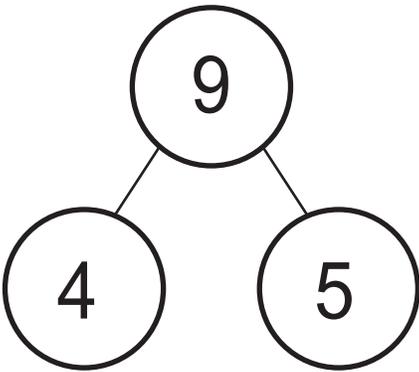
$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$

## Review: Number Bonds



## Review: Complete the math sentences

$5 - 5 = \boxed{0}$

$8 - \boxed{4} = 4$

$\boxed{4} - 3 = 1$

$6 - 4 = \boxed{2}$

$7 - \boxed{5} = 2$

$\boxed{7} - 4 = 3$

$9 - 5 = \boxed{4}$

$9 - \boxed{6} = 3$

$\boxed{7} - 4 = 3$

$10 - 4 = \boxed{6}$

$9 - \boxed{3} = 6$

$\boxed{10} - 3 = 7$

$7 - 5 = \boxed{2}$

$8 - 5 = \boxed{3}$

## Subtracting 6

$$\begin{array}{r} 6 \\ - 6 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 9 \\ - 6 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 16 \\ - 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 17 \\ - 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 18 \\ - 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 19 \\ - 6 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 20 \\ - 6 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline 2 \end{array}$$

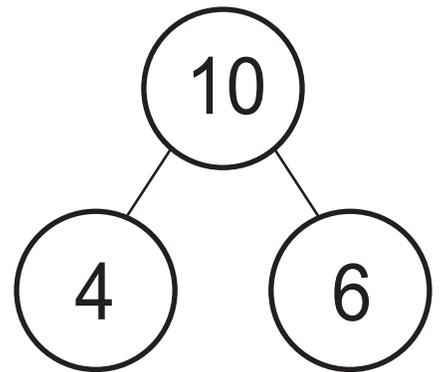
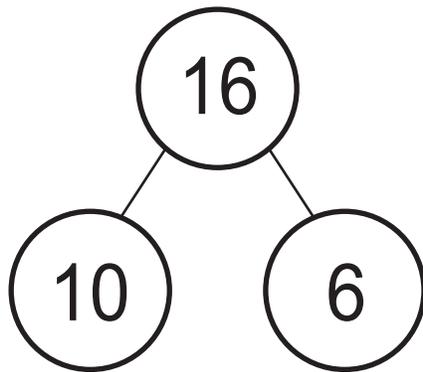
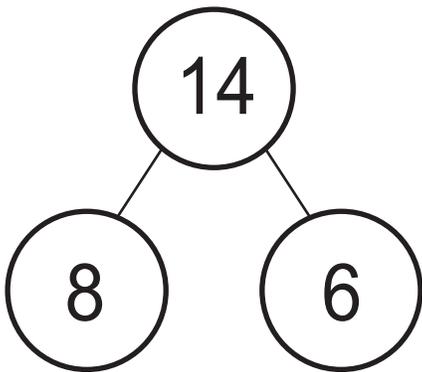
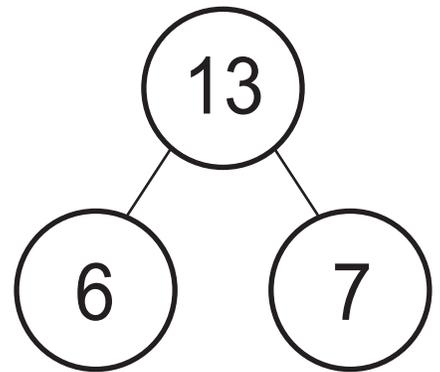
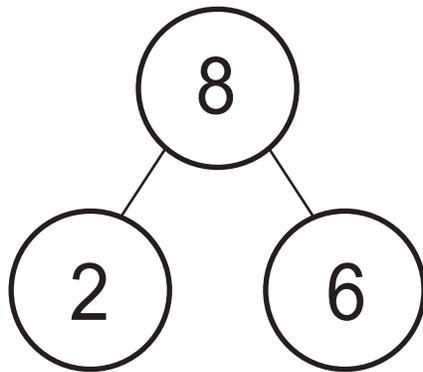
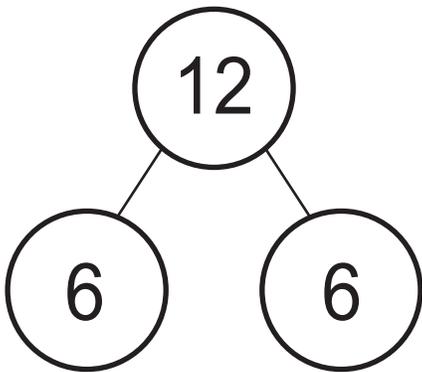
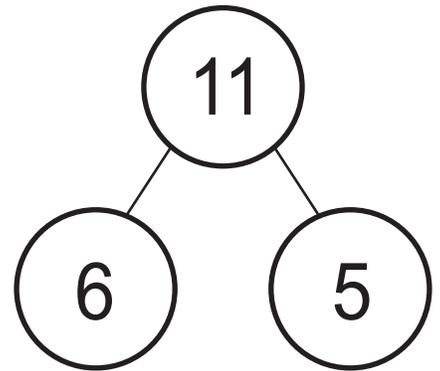
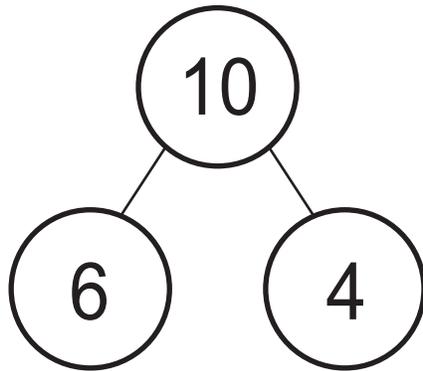
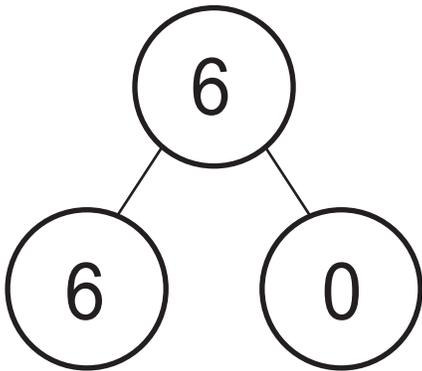
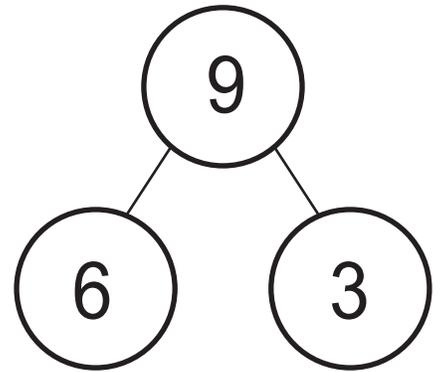
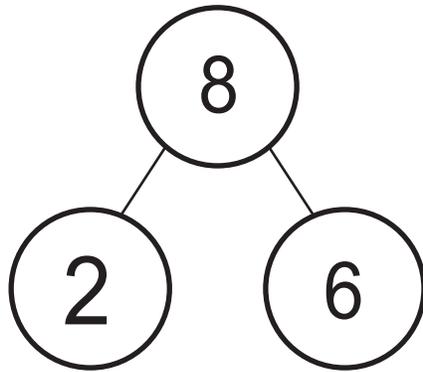
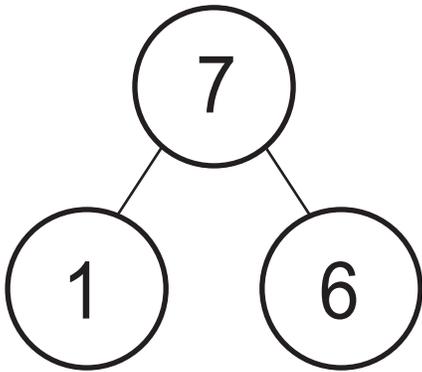
$$\begin{array}{r} 10 \\ - 6 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 15 \\ - 6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 16 \\ - 6 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 6 \\ \hline 14 \end{array}$$

## Number Bonds: Subtracting 6



## Complete the math sentences: Subtracting 6

$7 - 6 = \boxed{1}$

$6 - \boxed{6} = 0$

$\boxed{7} - 6 = 1$

$8 - 6 = \boxed{2}$

$8 - \boxed{6} = 2$

$\boxed{9} - 6 = 3$

$8 - 6 = \boxed{2}$

$10 - \boxed{6} = 4$

$\boxed{10} - 6 = 4$

$11 - 6 = \boxed{5}$

$11 - \boxed{6} = 5$

$\boxed{12} - 6 = 6$

$13 - 6 = \boxed{7}$

$12 - 6 = \boxed{6}$

## Subtracting 7

$$\begin{array}{r} 7 \\ - 7 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ - 7 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 17 \\ - 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 11 \\ - 7 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 13 \\ - 7 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 16 \\ - 7 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 17 \\ - 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 18 \\ - 7 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 19 \\ - 7 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 20 \\ - 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array}$$

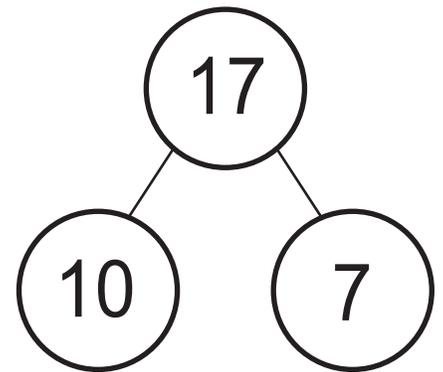
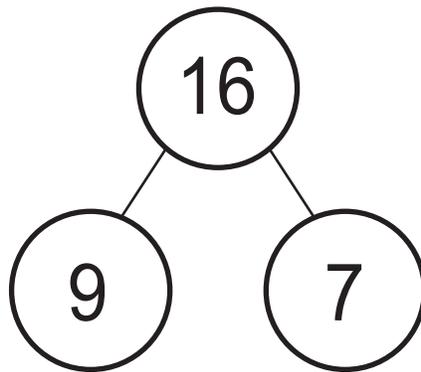
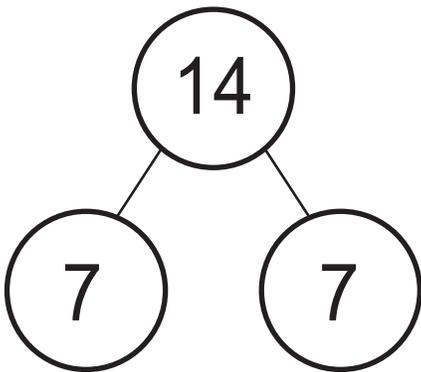
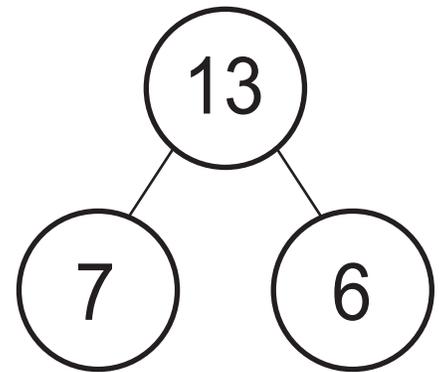
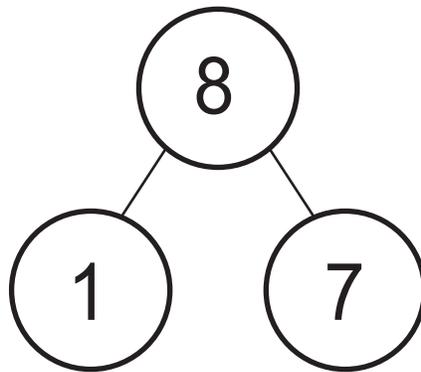
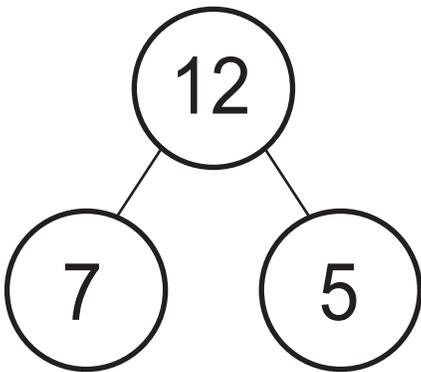
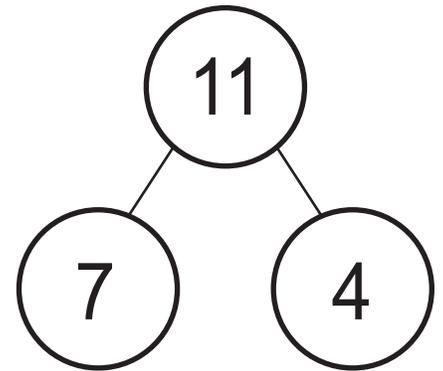
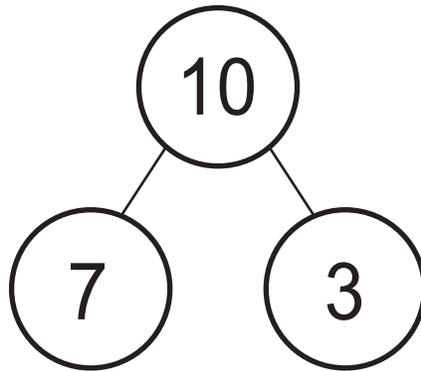
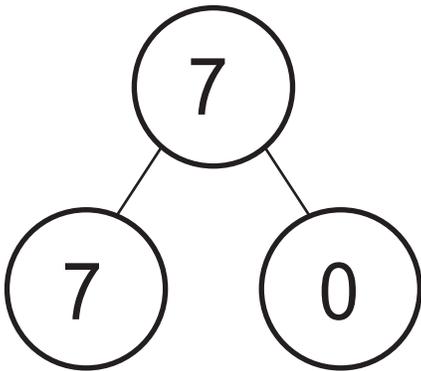
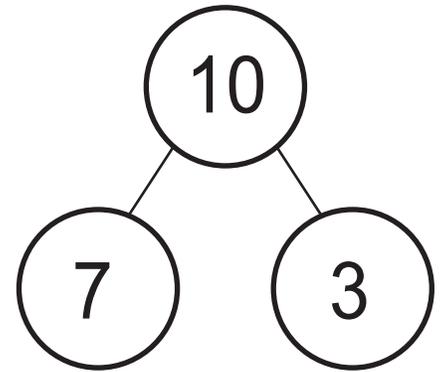
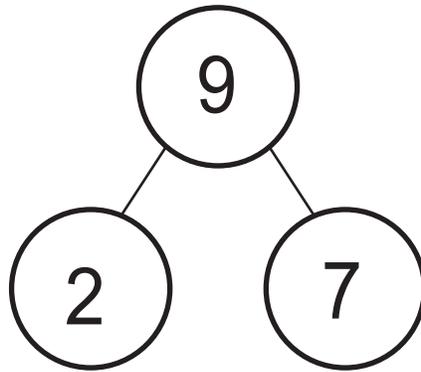
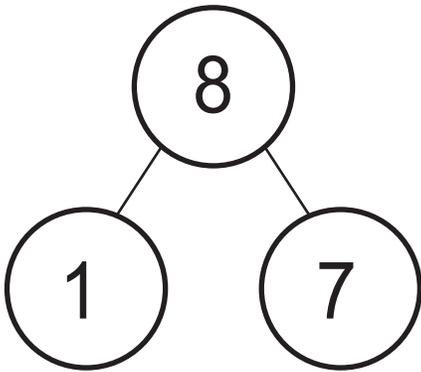
$$\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 20 \\ - 7 \\ \hline 13 \end{array}$$

# Number Bonds: Subtracting 7



## Complete the math sentences: Subtracting 7

$$7 - 7 = \boxed{0}$$

$$7 - \boxed{7} = 0$$

$$\boxed{8} - 7 = 1$$

$$8 - 7 = \boxed{1}$$

$$9 - \boxed{7} = 2$$

$$\boxed{10} - 7 = 3$$

$$8 - 7 = \boxed{1}$$

$$10 - \boxed{7} = 3$$

$$\boxed{11} - 7 = 4$$

$$11 - 7 = \boxed{4}$$

$$14 - \boxed{7} = 7$$

$$\boxed{13} - 7 = 6$$

$$13 - 7 = \boxed{6}$$

$$17 - 7 = \boxed{10}$$

## Subtracting 8

$$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ - 8 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 12 \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 18 \\ - 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 20 \\ - 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 12 \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 14 \\ - 8 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 15 \\ - 8 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 17 \\ - 8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 18 \\ - 8 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 19 \\ - 8 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 20 \\ - 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 8 \\ - 8 \\ \hline 0 \end{array}$$

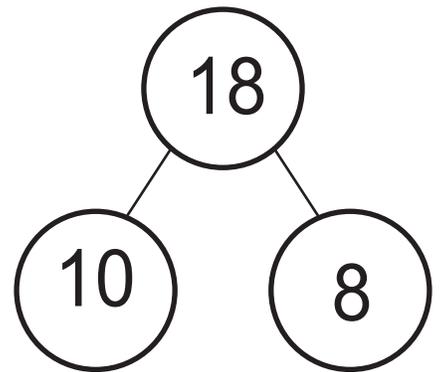
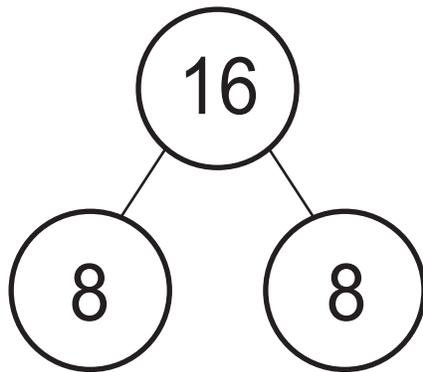
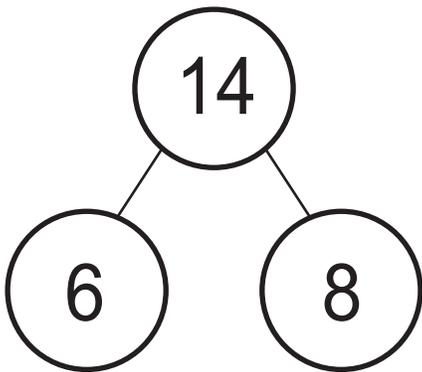
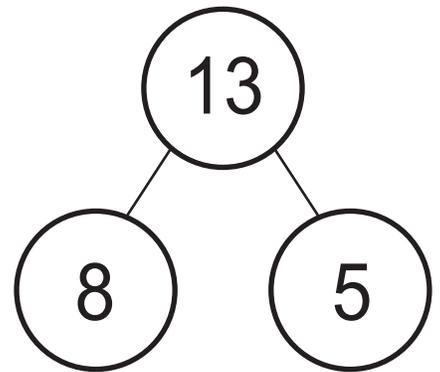
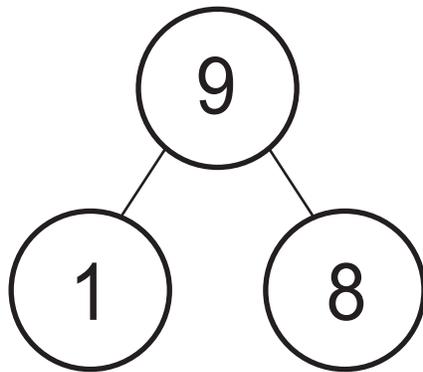
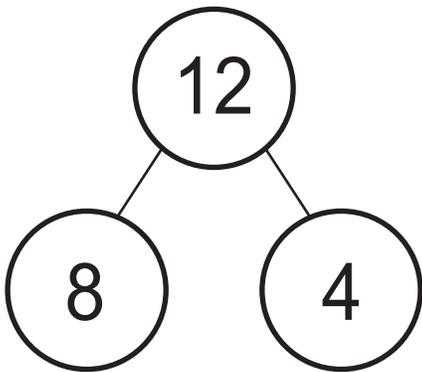
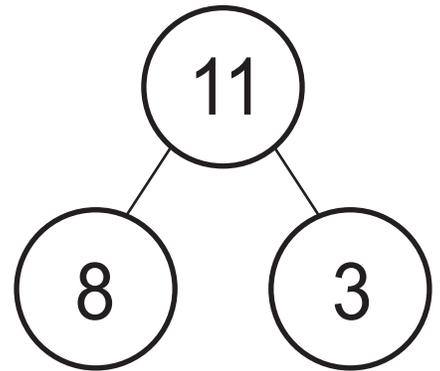
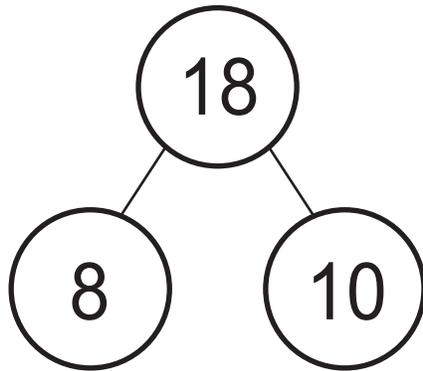
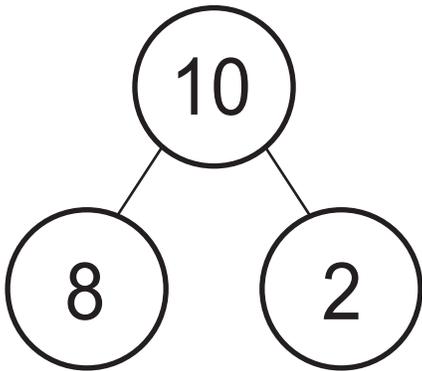
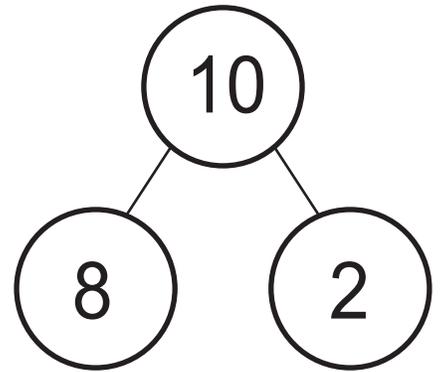
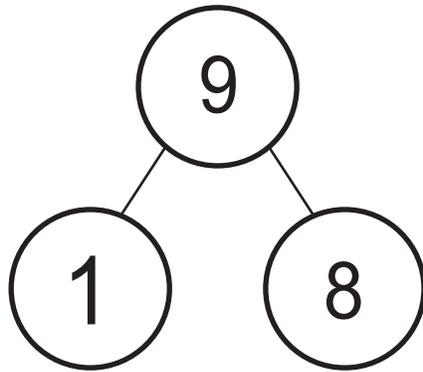
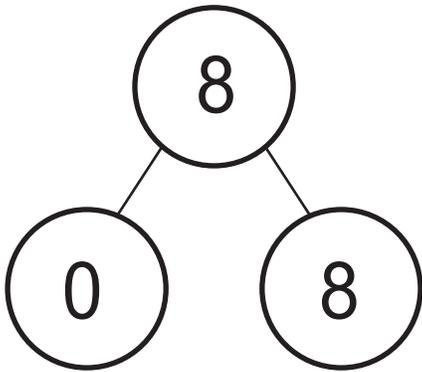
$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 12 \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 18 \\ - 8 \\ \hline 10 \end{array}$$

## Number Bonds: Subtracting 8



## Complete the math sentences: Subtracting 8

$8 - 8 = \boxed{0}$

$8 - \boxed{8} = 0$

$\boxed{9} - 8 = 1$

$9 - 8 = \boxed{1}$

$10 - \boxed{8} = 2$

$\boxed{11} - 8 = 3$

$12 - 8 = \boxed{4}$

$11 - \boxed{8} = 3$

$\boxed{12} - 8 = 4$

$18 - 8 = \boxed{10}$

$15 - \boxed{8} = 7$

$\boxed{14} - 8 = 6$

$13 - 8 = \boxed{5}$

$16 - 8 = \boxed{8}$

## Subtracting 9

$$\begin{array}{r} 9 \\ - 9 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11 \\ - 9 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 13 \\ - 9 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 17 \\ - 9 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 11 \\ - 9 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 30 \\ - 9 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 40 \\ - 9 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 9 \\ - 9 \\ \hline 0 \end{array}$$

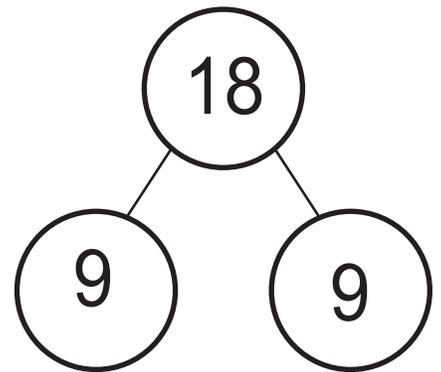
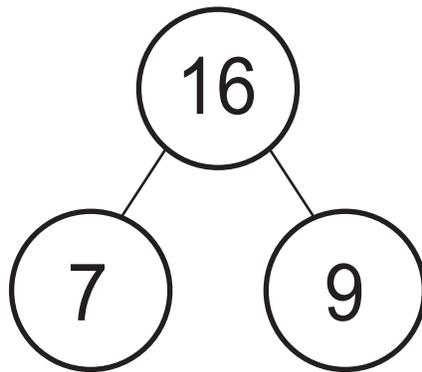
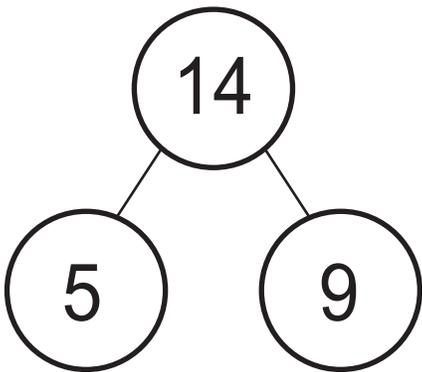
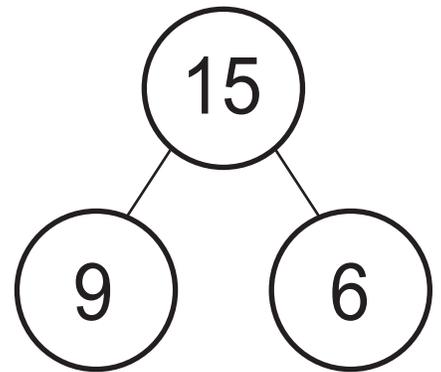
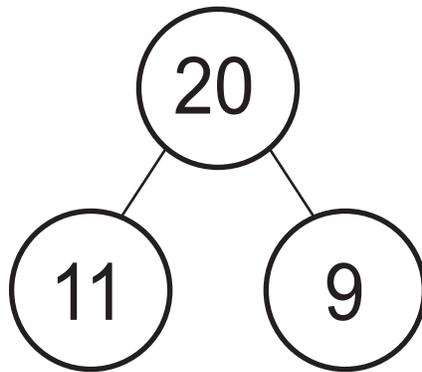
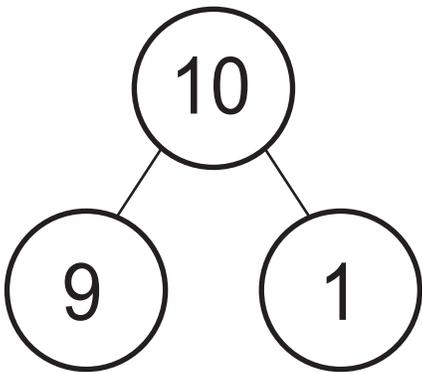
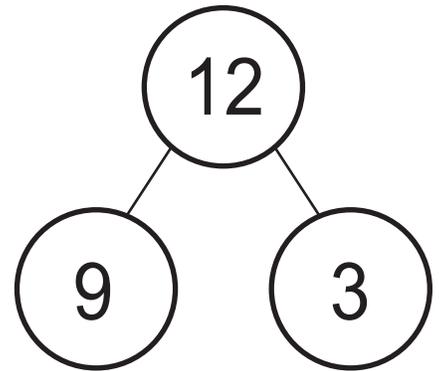
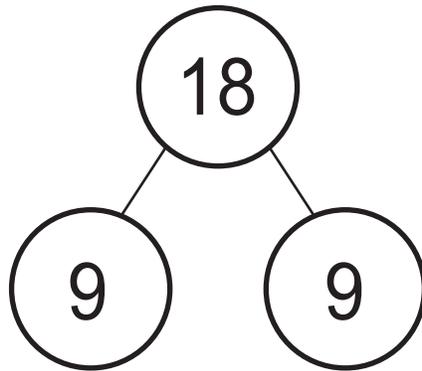
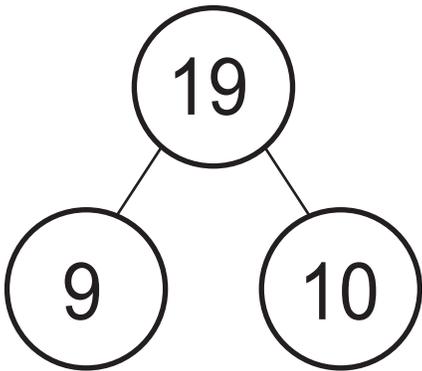
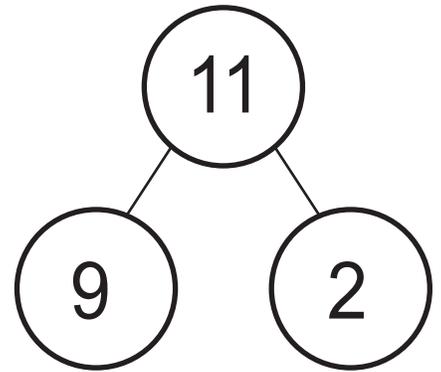
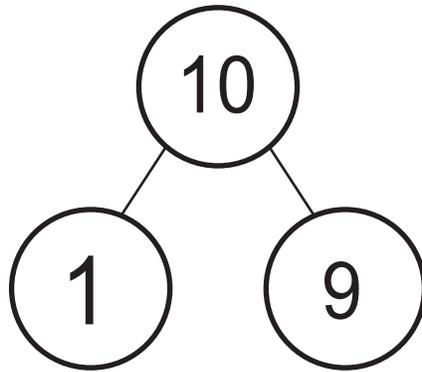
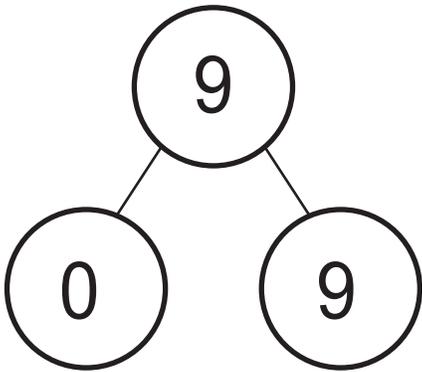
$$\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 12 \\ - 9 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline 9 \end{array}$$

## Number Bonds: Subtracting 9



## Complete the math sentences: Subtracting 9

$9 - 9 = \boxed{0}$

$9 - \boxed{9} = 0$

$\boxed{10} - 9 = 1$

$10 - 9 = \boxed{1}$

$11 - \boxed{9} = 2$

$\boxed{12} - 9 = 3$

$12 - 9 = \boxed{3}$

$13 - \boxed{9} = 4$

$\boxed{14} - 9 = 5$

$18 - 9 = \boxed{9}$

$19 - \boxed{9} = 10$

$\boxed{15} - 9 = 6$

$13 - 9 = \boxed{4}$

$16 - 9 = \boxed{7}$

## Subtracting 10

$$\begin{array}{r} 10 \\ - 10 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 30 \\ - 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 40 \\ - 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 50 \\ - 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 11 \\ - 10 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 12 \\ - 10 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 13 \\ - 10 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 14 \\ - 10 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 15 \\ - 10 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 16 \\ - 10 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 17 \\ - 10 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 18 \\ - 10 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 19 \\ - 10 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 11 \\ - 10 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 80 \\ - 10 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 90 \\ - 10 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 40 \\ - 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 12 \\ - 10 \\ \hline 2 \end{array}$$

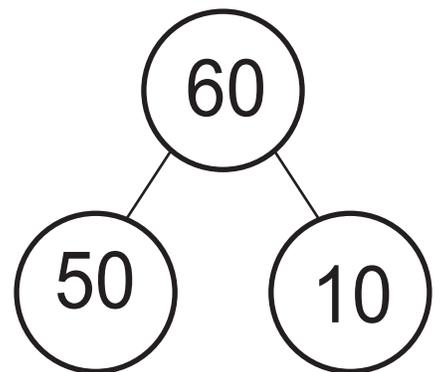
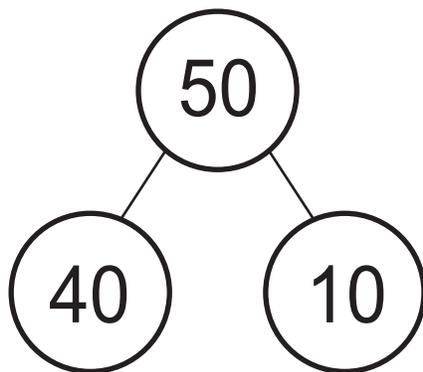
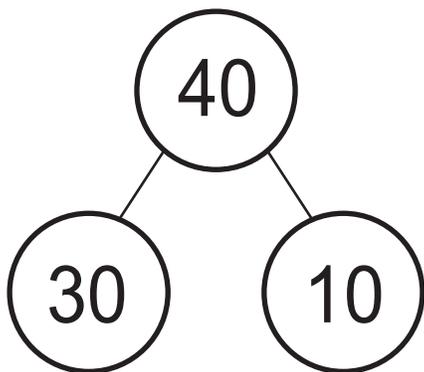
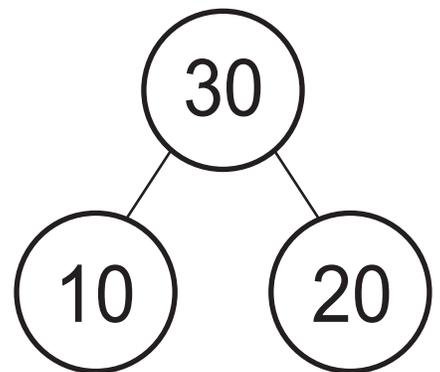
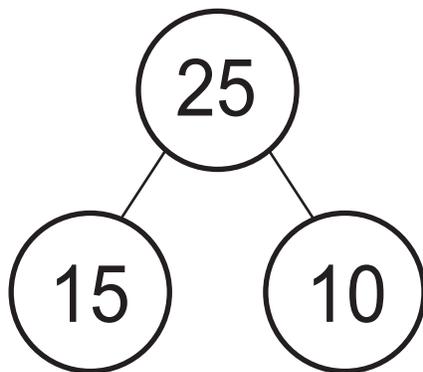
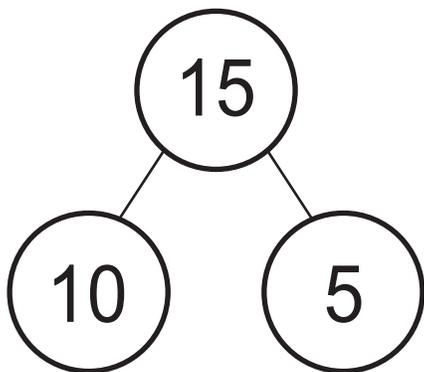
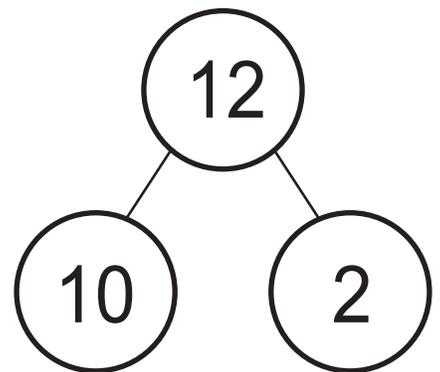
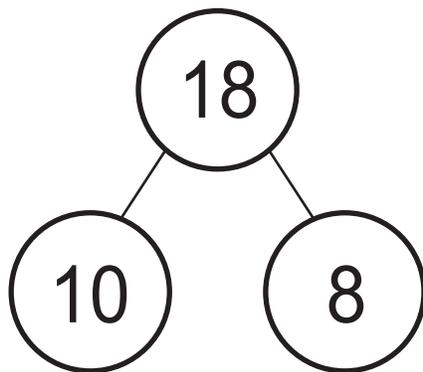
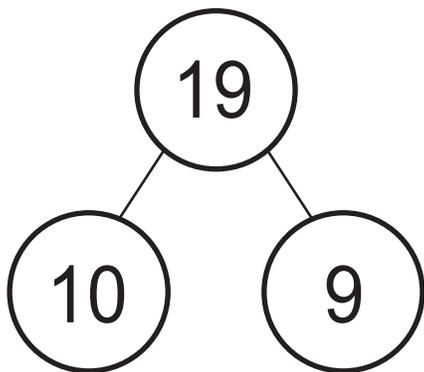
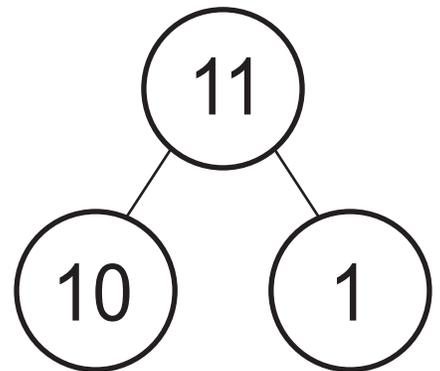
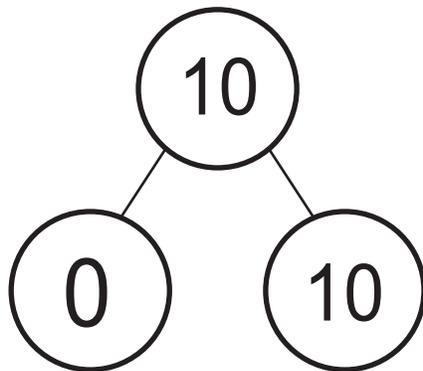
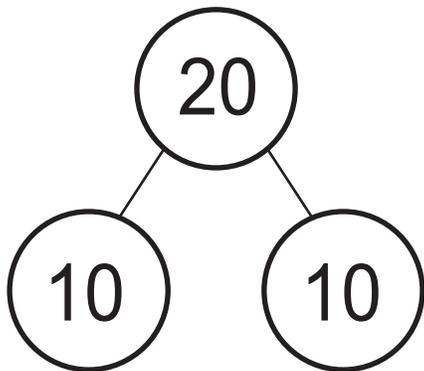
$$\begin{array}{r} 10 \\ - 10 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 12 \\ - 10 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 16 \\ - 10 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 25 \\ - 10 \\ \hline 15 \end{array}$$

## Number Bonds: Subtracting 10



## Complete the math sentences: Subtracting 10

$11 - 10 = \boxed{1}$

$10 - \boxed{10} = 0$

$\boxed{12} - 10 = 2$

$13 - 10 = \boxed{3}$

$11 - \boxed{10} = 1$

$\boxed{13} - 10 = 3$

$12 - 10 = \boxed{2}$

$14 - \boxed{10} = 4$

$\boxed{15} - 10 = 5$

$18 - 10 = \boxed{8}$

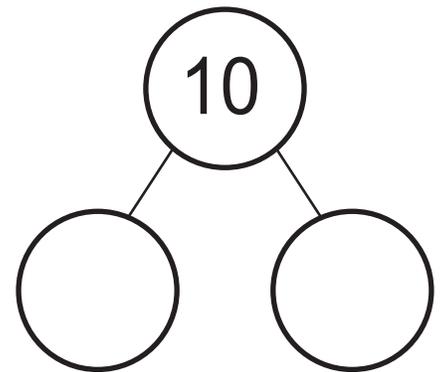
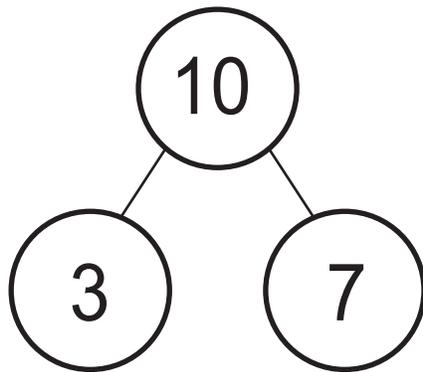
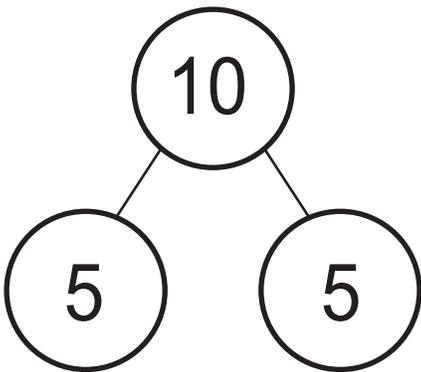
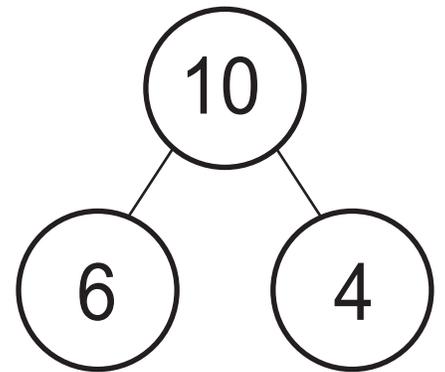
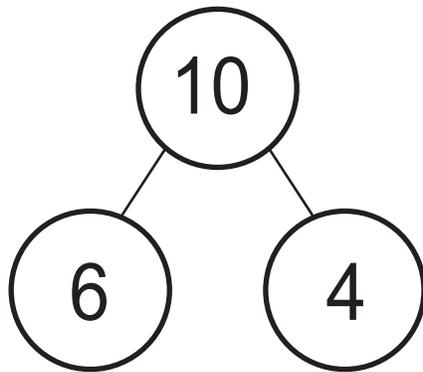
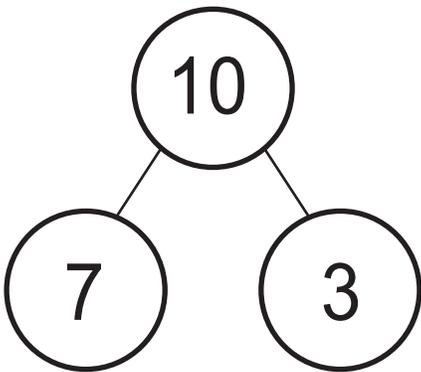
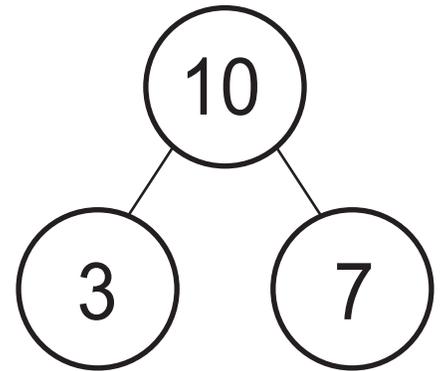
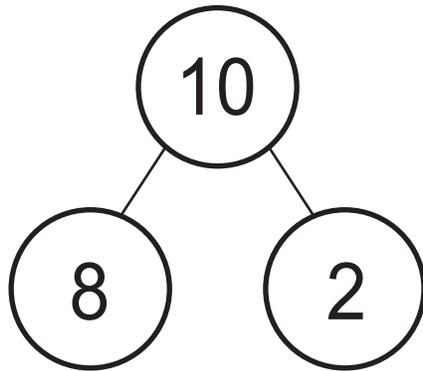
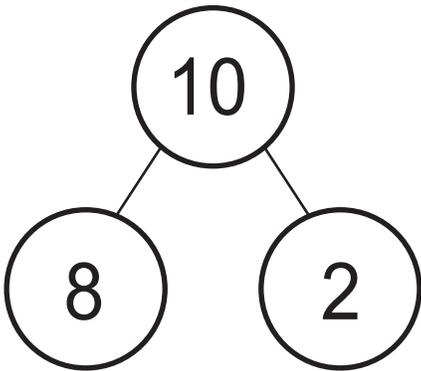
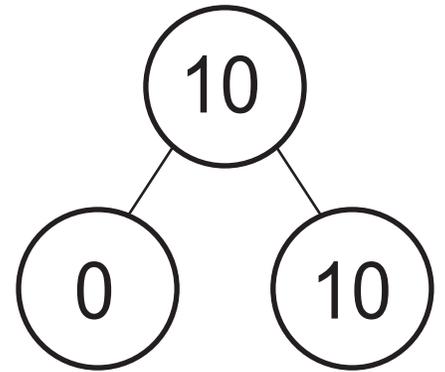
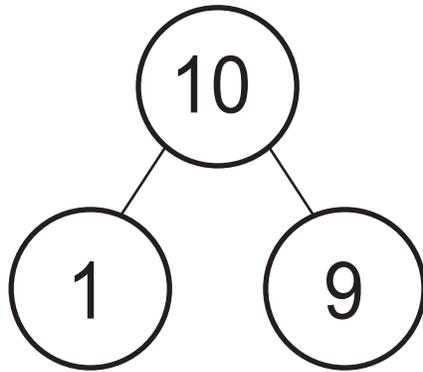
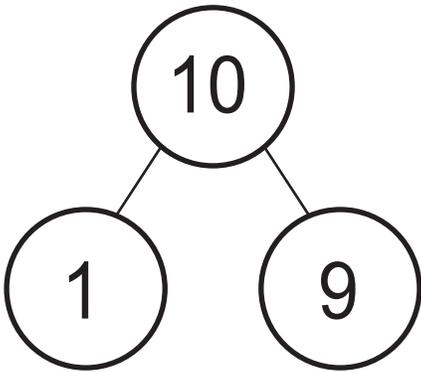
$19 - \boxed{10} = 9$

$\boxed{16} - 10 = 6$

$13 - 10 = \boxed{3}$

$16 - 10 = \boxed{6}$

# Number Bonds: Make 10



Review: Complete the math sentences

$10 + 3 = \boxed{13}$

$2 + \boxed{7} = 9$

$\boxed{3} + 7 = 10$

$2 + 4 = \boxed{6}$

$5 + \boxed{7} = 12$

$\boxed{6} + 3 = 9$

$4 + 3 = \boxed{7}$

$4 + \boxed{4} = 8$

$\boxed{2} + 8 = 10$

$5 + 5 = \boxed{10}$

$10 + \boxed{7} = 17$

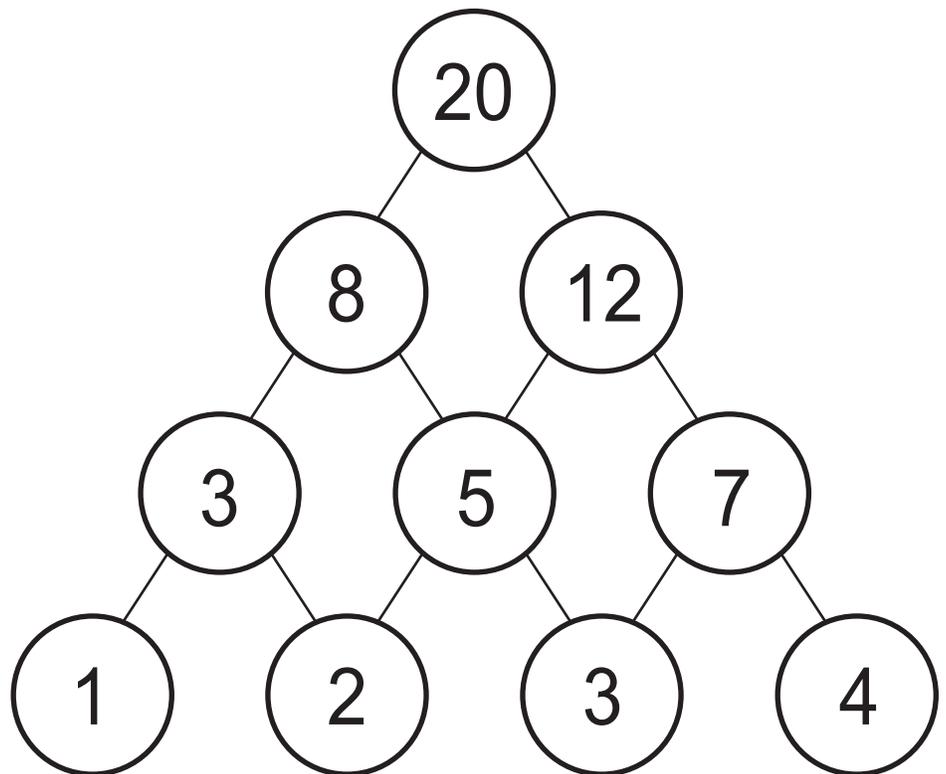
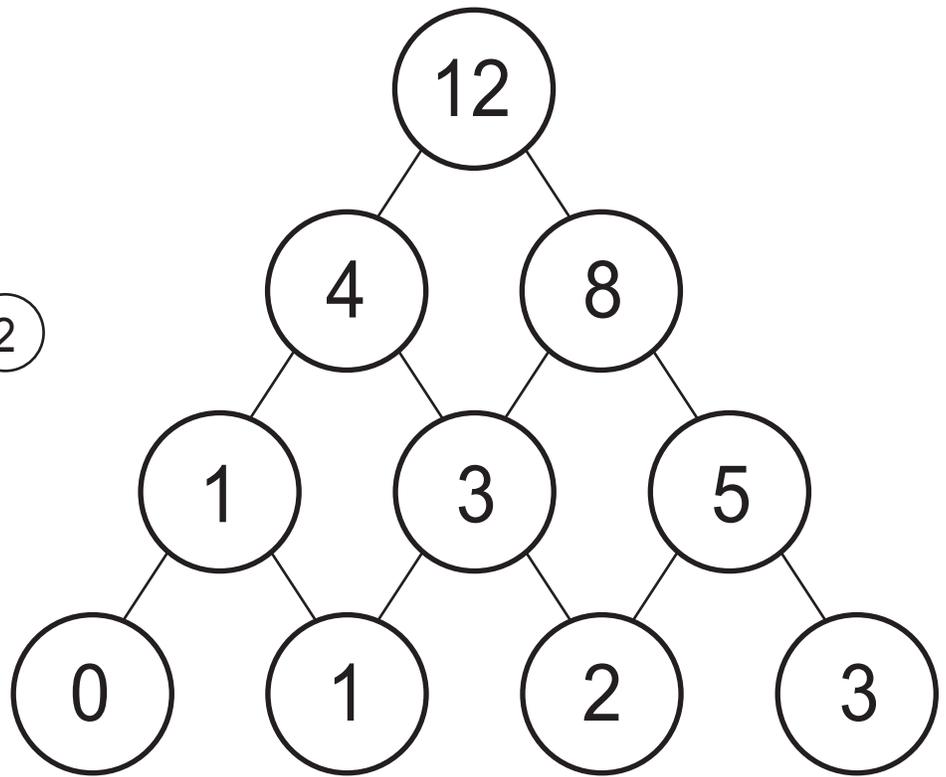
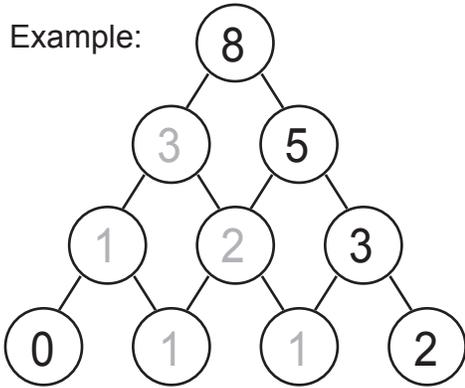
$\boxed{5} + 2 = 7$

$8 + 3 = \boxed{11}$

$7 + 9 = \boxed{16}$

## Challenge: Complete the number bond pyramid

Example:



## Review: Addition

$$\begin{array}{r} 2 \\ + 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 5 \\ + 10 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

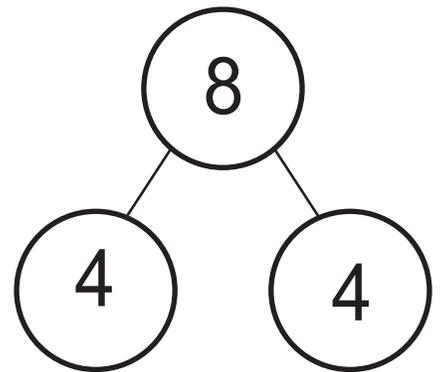
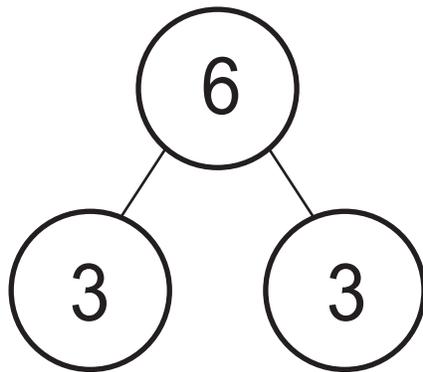
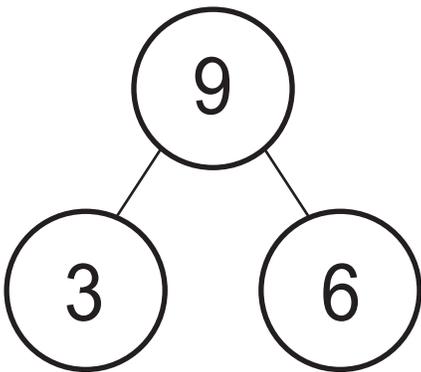
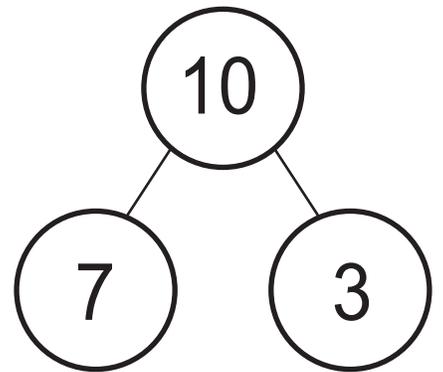
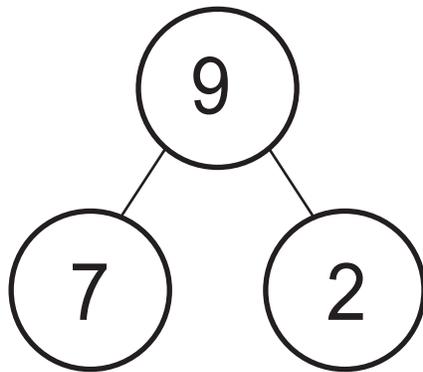
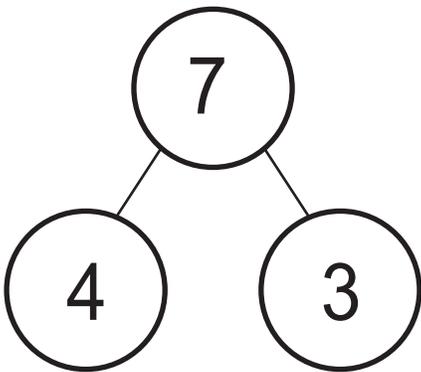
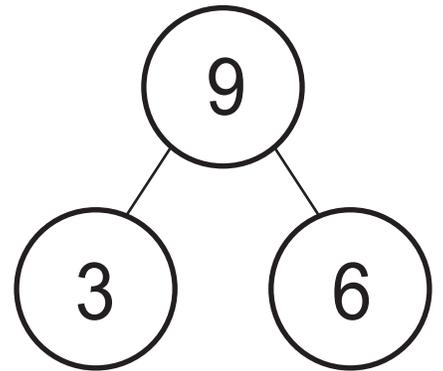
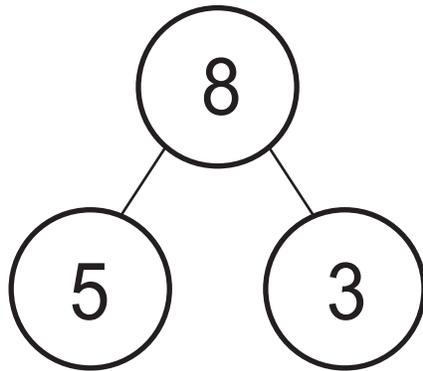
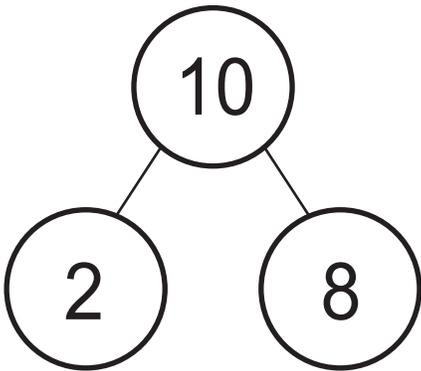
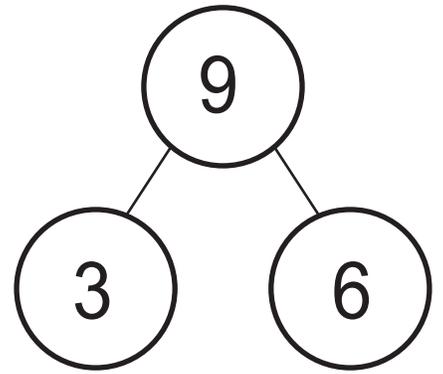
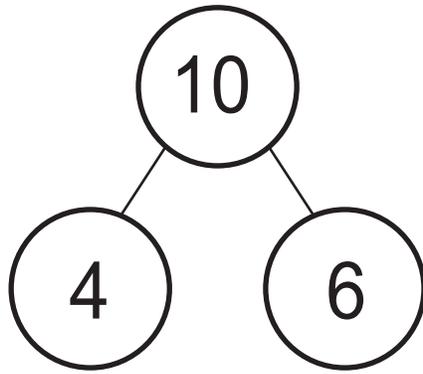
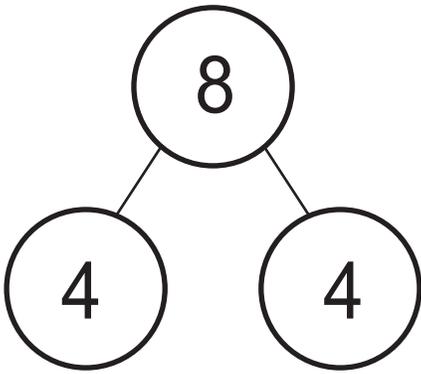
$$\begin{array}{r} 9 \\ + 8 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 9 \\ + 10 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

## Review: Number Bonds



Review: Complete the math sentences

$7 + 3 = \boxed{10}$

$4 + \boxed{6} = 10$

$\boxed{4} + 8 = 12$

$8 + 3 = \boxed{11}$

$2 + \boxed{8} = 10$

$\boxed{5} + 3 = 8$

$4 + 2 = \boxed{6}$

$5 + \boxed{8} = 13$

$\boxed{4} + 3 = 7$

$9 + 9 = \boxed{18}$

$10 + \boxed{5} = 15$

$\boxed{6} + 6 = 12$

$6 + 7 = \boxed{13}$

$6 + 5 = \boxed{11}$

## Review: Subtraction

$$\begin{array}{r} 6 \\ - 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ - 2 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 15 \\ - 10 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 10 \\ - 9 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 18 \\ - 10 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 12 \\ - 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 30 \\ - 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 14 \\ - 10 \\ \hline 4 \end{array}$$

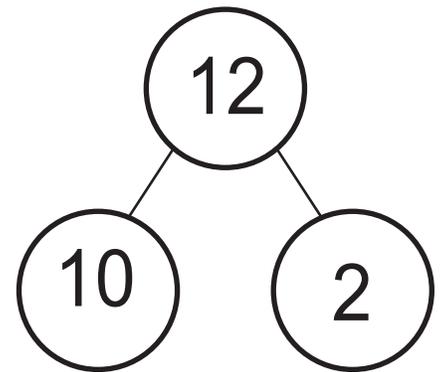
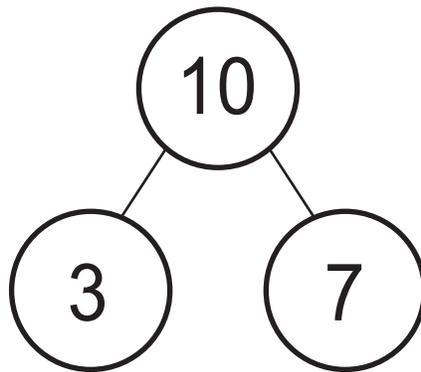
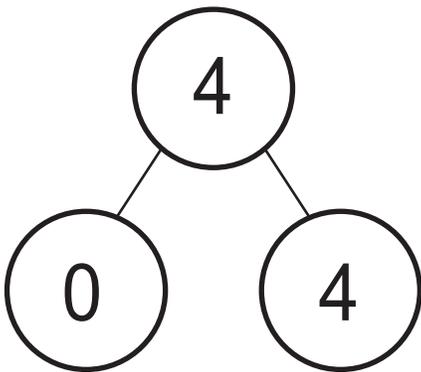
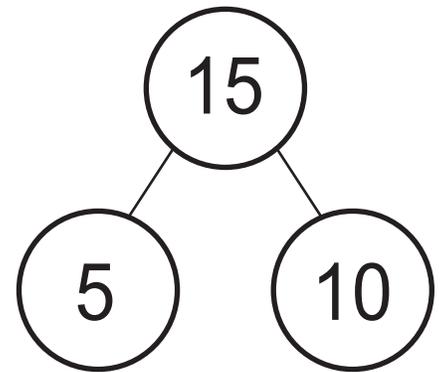
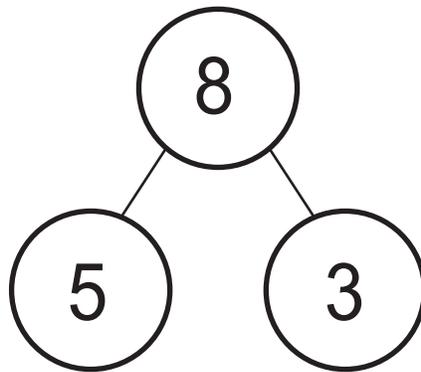
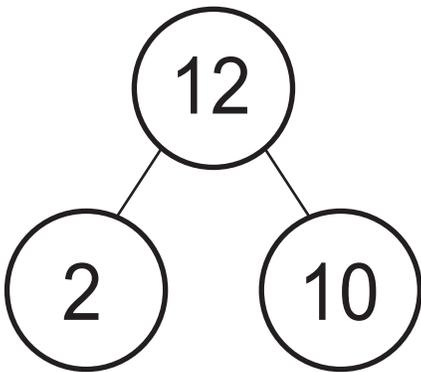
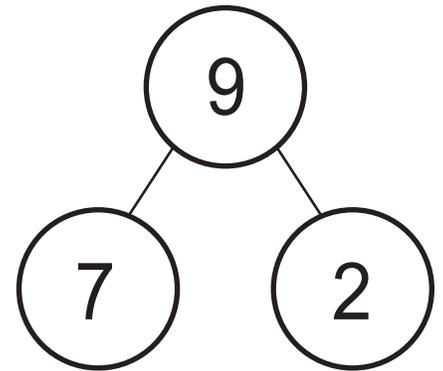
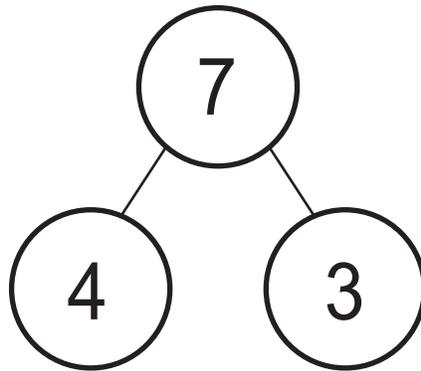
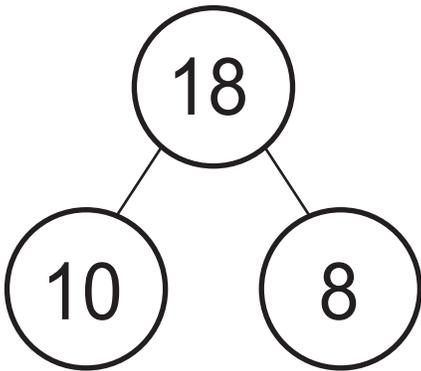
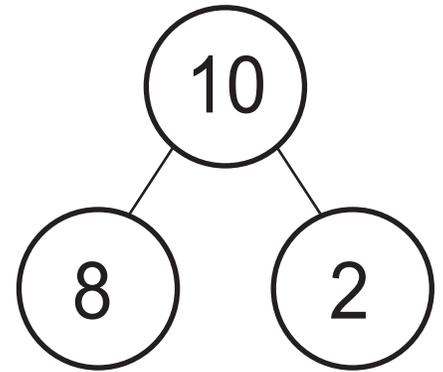
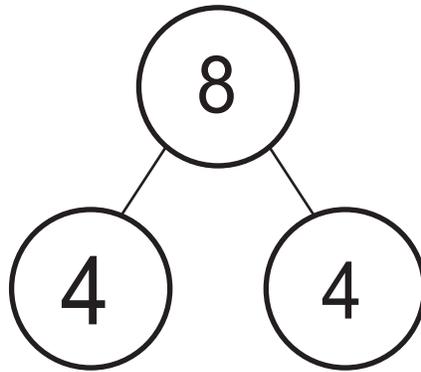
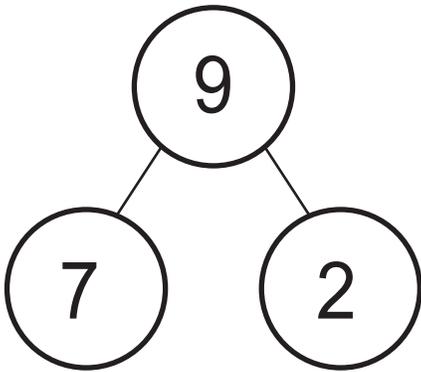
$$\begin{array}{r} 4 \\ - 4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$$

## Review: Number Bonds



Review: Complete the math sentences

$9 - 3 = \boxed{6}$

$10 - \boxed{3} = 7$

$\boxed{6} - 4 = 2$

$7 - 3 = \boxed{4}$

$12 - \boxed{10} = 2$

$\boxed{6} - 3 = 3$

$10 - 6 = \boxed{4}$

$6 - \boxed{2} = 4$

$\boxed{10} - 5 = 5$

$8 - 3 = \boxed{5}$

$5 - \boxed{4} = 1$

$\boxed{8} - 2 = 6$

$7 - 2 = \boxed{5}$

$8 - 4 = \boxed{4}$

## Review: Addition and Subtraction

$$\begin{array}{r} 4 \\ + 3 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 1 \\ + 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ - 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 6 \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 11 \\ - 10 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ + 10 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 5 \\ - 0 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 15 \\ - 10 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

## Review: Addition and Subtraction

$$10 - 3 = \boxed{7}$$

$$4 + \boxed{5} = 9$$

$$\boxed{2} + 8 = 10$$

$$8 - 4 = \boxed{4}$$

$$12 - \boxed{2} = 10$$

$$\boxed{5} + 2 = 7$$

$$6 - 2 = \boxed{4}$$

$$5 + \boxed{10} = 15$$

$$\boxed{7} + 3 = 10$$

$$9 - 9 = \boxed{0}$$

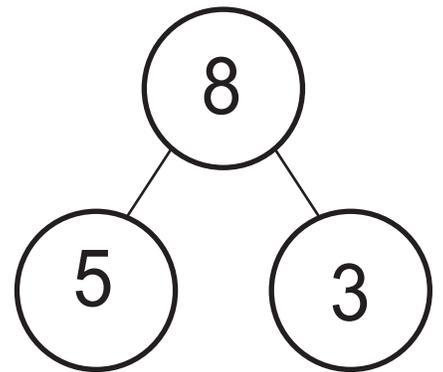
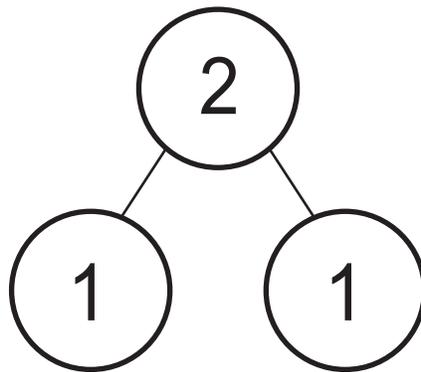
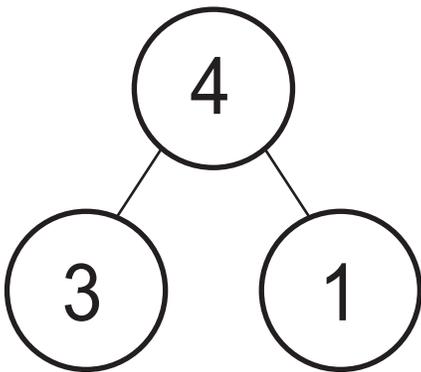
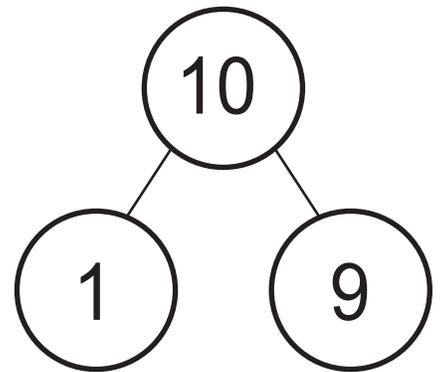
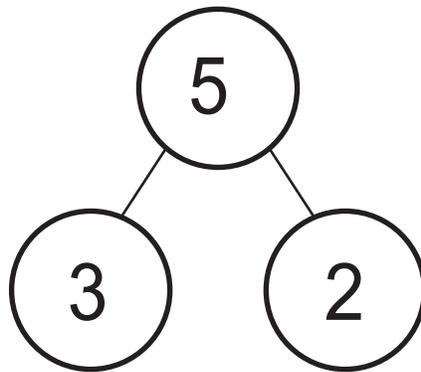
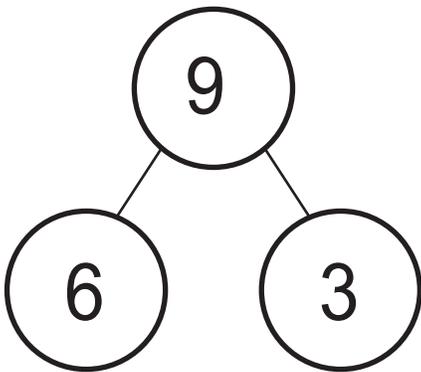
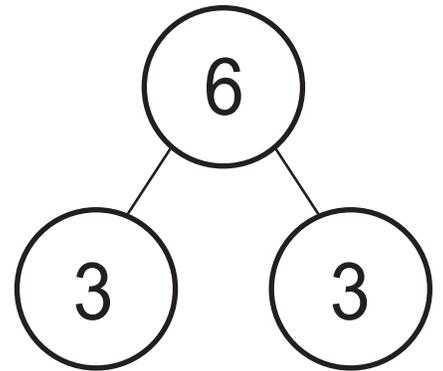
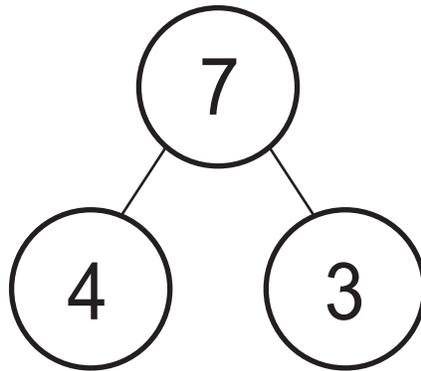
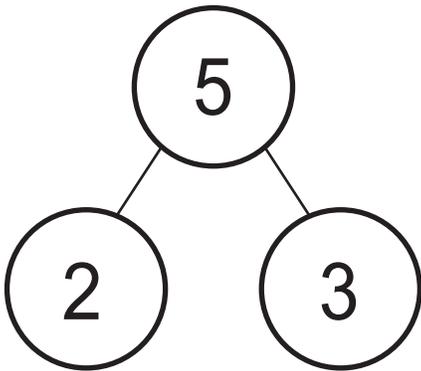
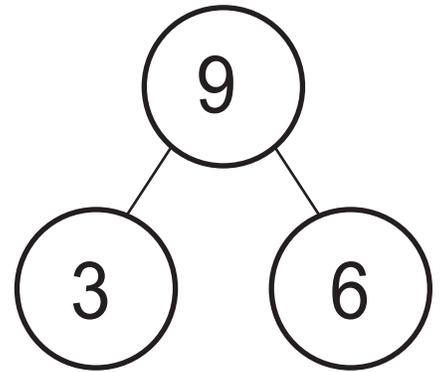
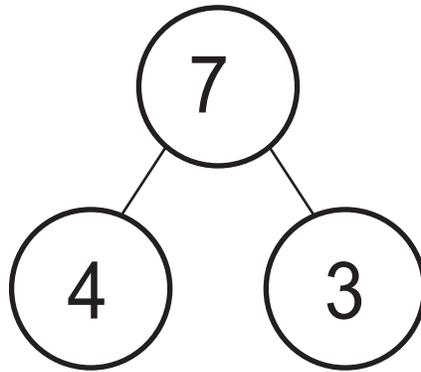
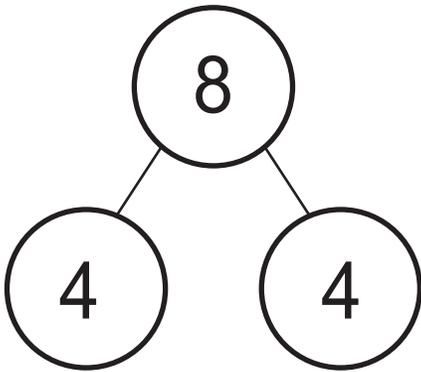
$$10 + \boxed{10} = 20$$

$$\boxed{9} - 6 = 3$$

$$6 + 2 = \boxed{8}$$

$$10 - 5 = \boxed{5}$$

## Review: Number Bonds



## Review: Fill in the Blank

$$\begin{array}{r} 4 \\ + \boxed{4} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} \boxed{3} \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{4} \\ \hline 7 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{3} \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \boxed{5} \end{array}$$

$$\begin{array}{r} \boxed{9} \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{1} \\ \hline 4 \end{array}$$

$$\begin{array}{r} 1 \\ + \boxed{1} \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ + 5 \\ \hline \boxed{6} \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} \boxed{5} \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + \boxed{2} \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + \boxed{3} \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline \boxed{8} \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} \boxed{3} \\ + 4 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ + \boxed{7} \\ \hline 9 \end{array}$$

$$\begin{array}{r} 5 \\ + \boxed{0} \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} 8 \\ + 1 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} \boxed{6} \\ + 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{5} \\ \hline 8 \end{array}$$

## Review: Addition and Subtraction

$$\begin{array}{r} 3 \\ + 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ + 0 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 9 \\ + 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ - 2 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ - 10 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 3 \\ + 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 25 \\ - 10 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 50 \\ - 10 \\ \hline 40 \end{array}$$

## Review: Addition and Subtraction

$$10 - 3 = \boxed{7}$$

$$4 + \boxed{5} = 9$$

$$\boxed{2} + 8 = 10$$

$$8 - 4 = \boxed{4}$$

$$12 - \boxed{2} = 10$$

$$\boxed{5} + 2 = 7$$

$$6 - 2 = \boxed{4}$$

$$5 + \boxed{10} = 15$$

$$\boxed{7} + 3 = 10$$

$$9 - 9 = \boxed{0}$$

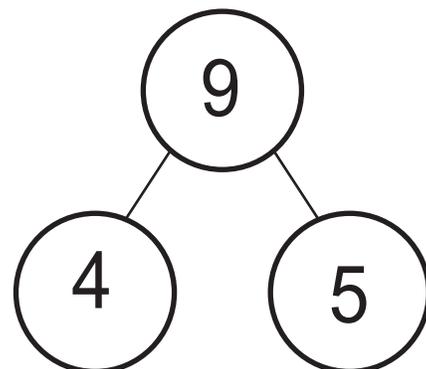
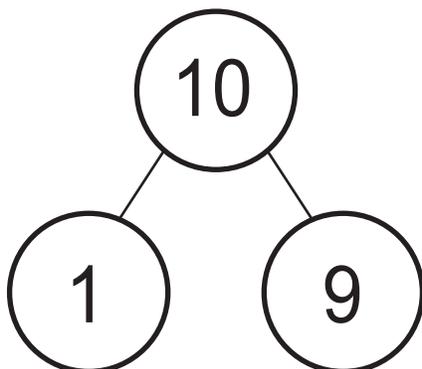
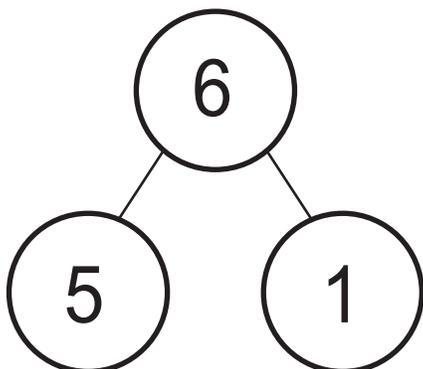
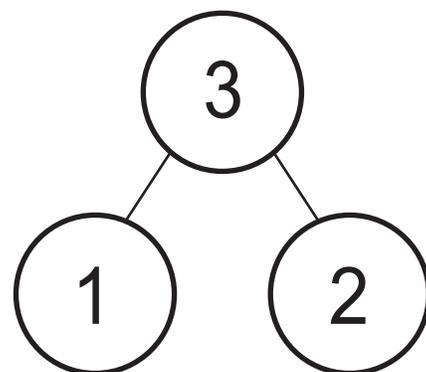
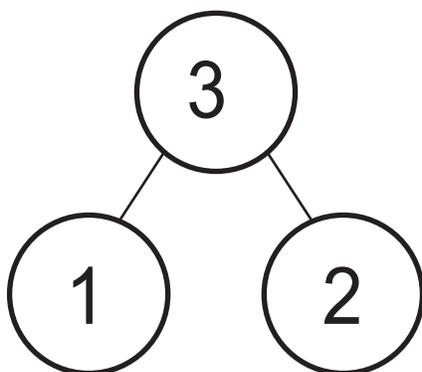
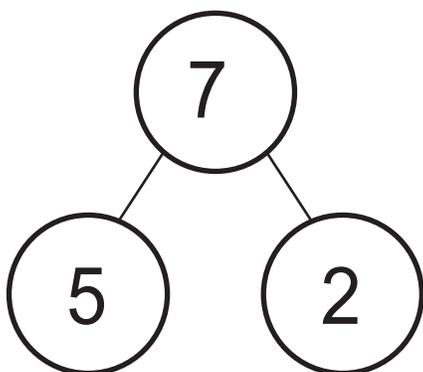
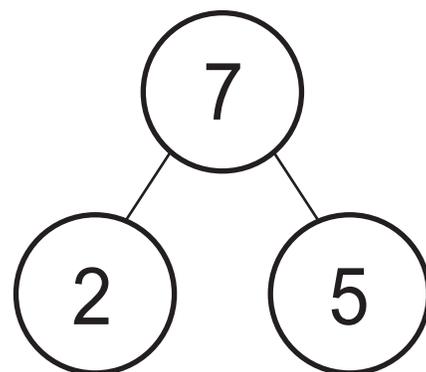
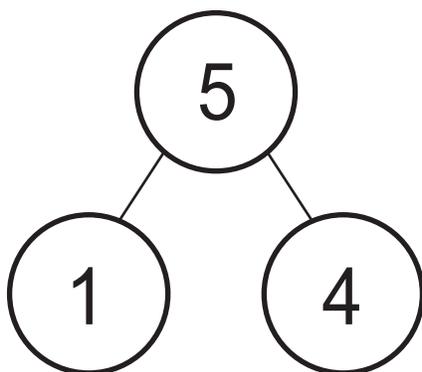
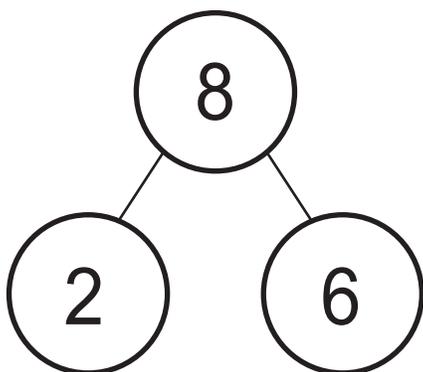
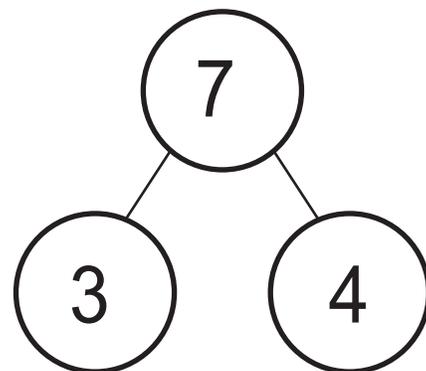
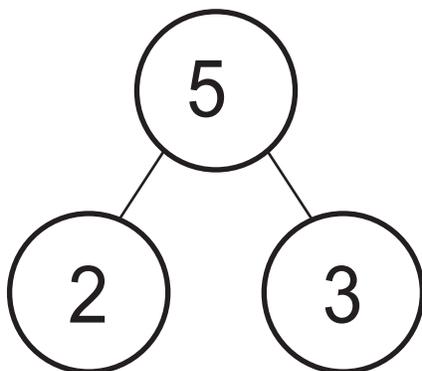
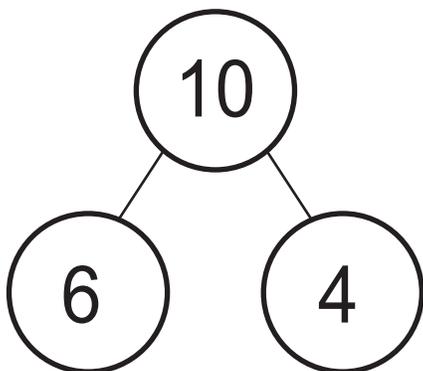
$$10 + \boxed{10} = 20$$

$$\boxed{9} - 6 = 3$$

$$6 + 2 = \boxed{8}$$

$$10 - 5 = \boxed{5}$$

## Review: Number Bonds



## Review: Fill in the Blank

$$\begin{array}{r} 4 \\ + \boxed{6} \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 3 \\ \hline \boxed{5} \end{array}$$

$$\begin{array}{r} 3 \\ + 4 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} \boxed{6} \\ + 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + \boxed{1} \\ \hline 5 \end{array}$$

$$\begin{array}{r} 2 \\ + \boxed{5} \\ \hline 7 \end{array}$$

$$\begin{array}{r} 5 \\ + 2 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} 2 \\ + 1 \\ \hline \boxed{3} \end{array}$$

$$\begin{array}{r} \boxed{2} \\ + 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ + \boxed{1} \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + \boxed{9} \\ \hline 10 \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \boxed{6} \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \boxed{8} \end{array}$$

$$\begin{array}{r} \boxed{1} \\ + 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ + \boxed{4} \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + \boxed{4} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 5 \\ \hline \boxed{9} \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \boxed{10} \end{array}$$

$$\begin{array}{r} \boxed{5} \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3 \\ + \boxed{5} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + \boxed{5} \\ \hline 10 \end{array}$$

$$\begin{array}{r} 4 \\ + 7 \\ \hline \boxed{11} \end{array}$$

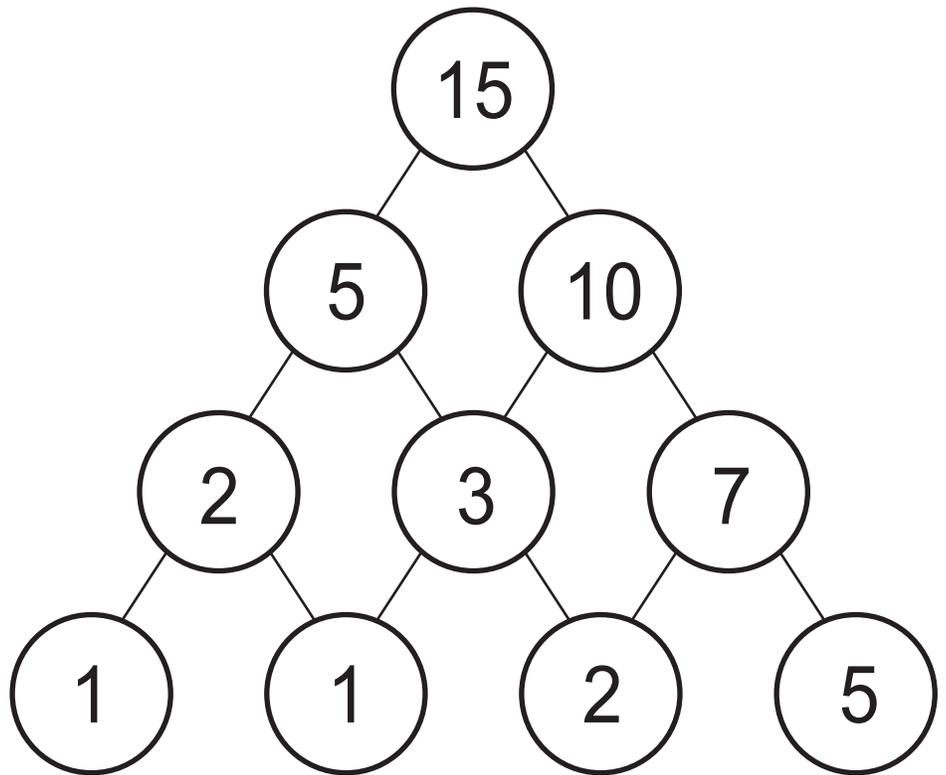
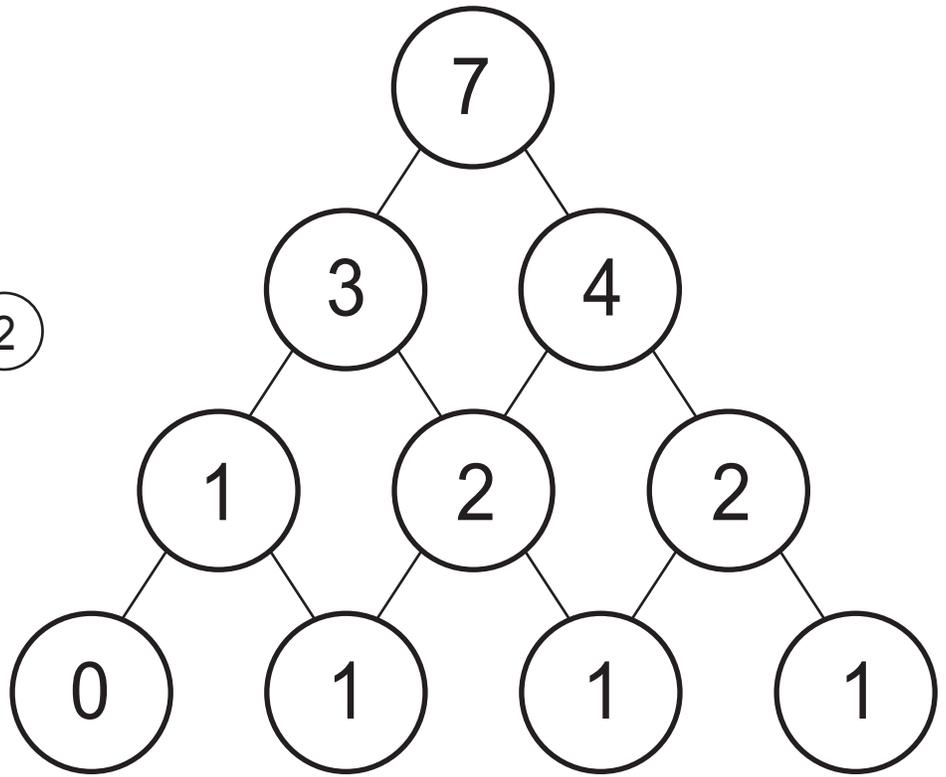
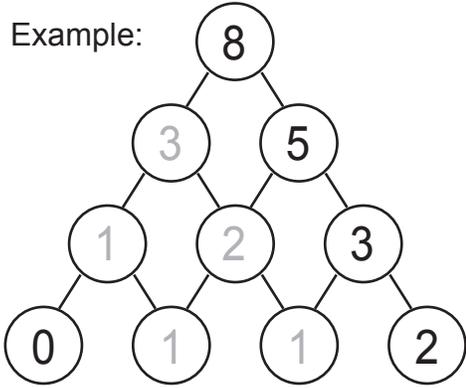
$$\begin{array}{r} 8 \\ + 4 \\ \hline \boxed{12} \end{array}$$

$$\begin{array}{r} \boxed{6} \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 9 \\ + \boxed{1} \\ \hline 10 \end{array}$$

## Challenge: Complete the number bond pyramid

Example:



## Challenge: Addition

$$\begin{array}{r} 10 \\ + 3 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 15 \\ + 5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 20 \\ + 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 20 \\ + 15 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 9 \\ + 2 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 8 \\ + 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 6 \\ + 7 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 12 \\ + 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 12 \\ + 10 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 9 \\ + 5 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 8 \\ + 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline 20 \end{array}$$

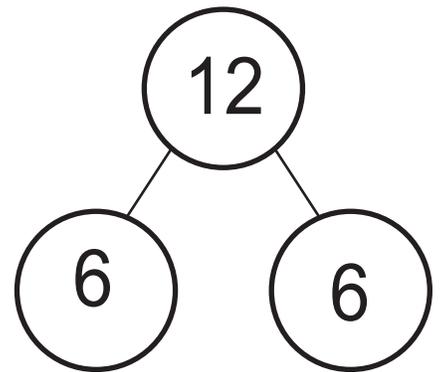
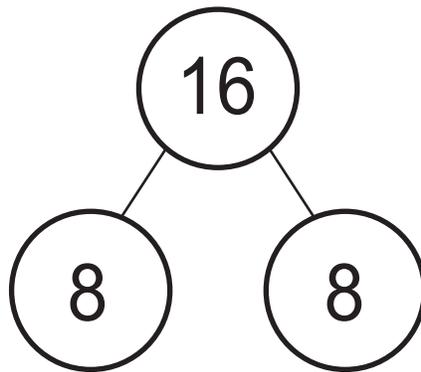
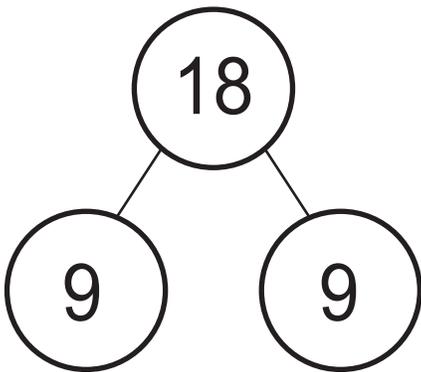
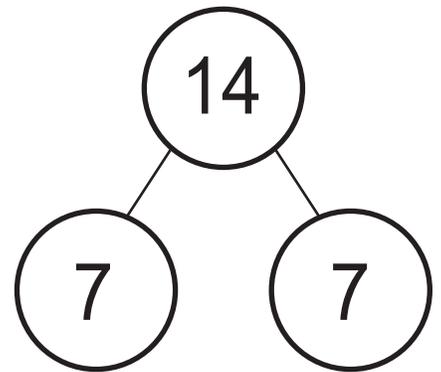
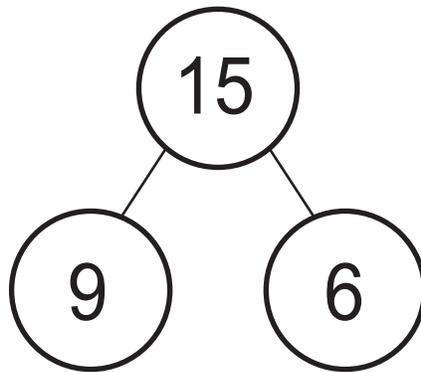
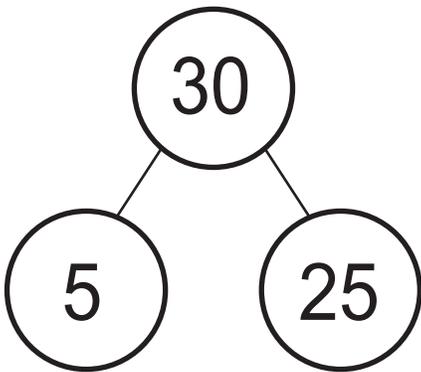
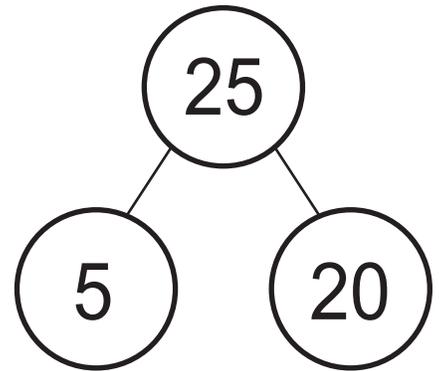
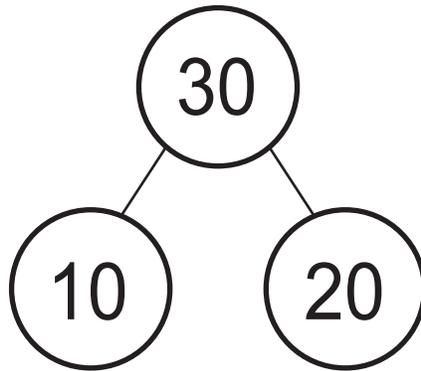
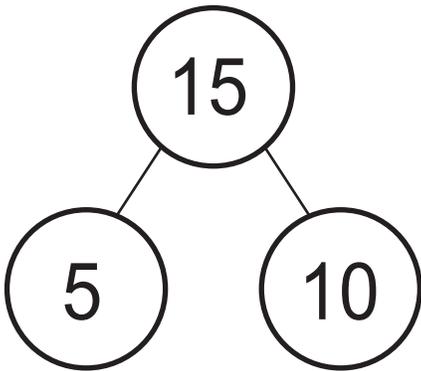
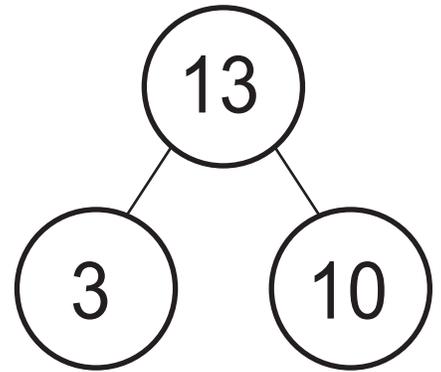
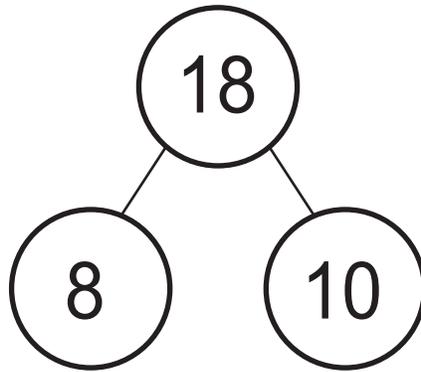
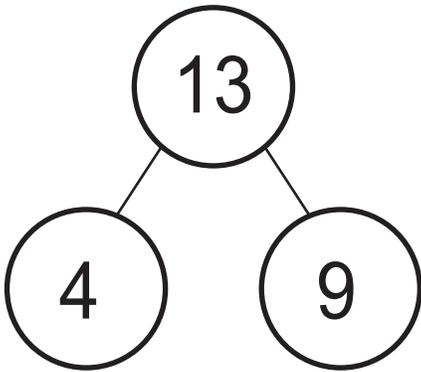
$$\begin{array}{r} 25 \\ + 10 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 30 \\ + 15 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 40 \\ + 40 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 50 \\ + 30 \\ \hline 80 \end{array}$$

## Challenge: Number Bonds



**Challenge: Complete the math sentences**

$10 + 10 = \boxed{20}$

$10 + \boxed{15} = 25$

$\boxed{20} + 7 = 27$

$25 + 10 = \boxed{35}$

$25 + \boxed{10} = 35$

$\boxed{8} + 12 = 20$

$16 + 4 = \boxed{20}$

$9 + \boxed{9} = 18$

$\boxed{8} + 8 = 16$

$7 + 7 = \boxed{14}$

$10 + \boxed{50} = 60$

$\boxed{2} + 18 = 20$

$8 + 13 = \boxed{21}$

$7 + 14 = \boxed{21}$

## Challenge: Subtraction

$$\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 15 \\ - 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 11 \\ - 6 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 15 \\ - 8 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 20 \\ - 8 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 14 \\ - 7 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 19 \\ - 9 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 18 \\ - 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 13 \\ - 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 20 \\ - 9 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 25 \\ - 5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 35 \\ - 15 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 22 \\ - 12 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 12 \\ - 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 17 \\ - 7 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 17 \\ - 8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 17 \\ - 9 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 17 \\ - 10 \\ \hline 7 \end{array}$$

**Challenge: Complete the math sentences**

$15 - 10 = \boxed{5}$

$10 - \boxed{8} = 2$

$\boxed{17} - 7 = 10$

$18 - 9 = \boxed{9}$

$20 - \boxed{8} = 12$

$\boxed{4} - 2 = 2$

$16 - 12 = \boxed{4}$

$9 - \boxed{5} = 4$

$\boxed{15} - 8 = 7$

$14 - 7 = \boxed{7}$

$30 - \boxed{10} = 20$

$\boxed{20} - 12 = 8$

$13 - 8 = \boxed{5}$

$18 - 4 = \boxed{14}$

## Challenge: Addition and Subtraction Fill in the Blank

$$\begin{array}{r} 4 \\ + \boxed{10} \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \boxed{14} \end{array}$$

$$\begin{array}{r} \boxed{9} \\ - 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 9 \\ - \boxed{4} \\ \hline 5 \end{array}$$

$$\begin{array}{r} 10 \\ - \boxed{3} \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ + 5 \\ \hline \boxed{20} \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} \boxed{12} \\ + 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 15 \\ - \boxed{9} \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ + \boxed{6} \\ \hline 12 \end{array}$$

$$\begin{array}{r} 12 \\ - 6 \\ \hline \boxed{6} \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline \boxed{6} \end{array}$$

$$\begin{array}{r} \boxed{5} \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 12 \\ + \boxed{3} \\ \hline 15 \end{array}$$

$$\begin{array}{r} 20 \\ - \boxed{12} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 12 \\ + 8 \\ \hline \boxed{20} \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \boxed{18} \end{array}$$

$$\begin{array}{r} \boxed{10} \\ - 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 10 \\ - \boxed{2} \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + \boxed{2} \\ \hline 10 \end{array}$$

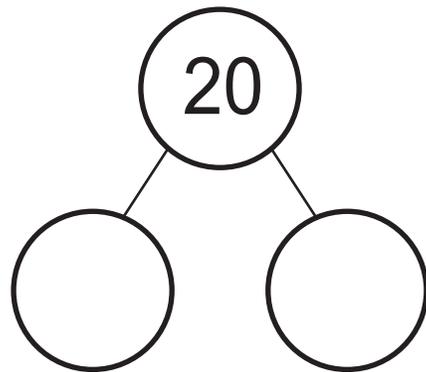
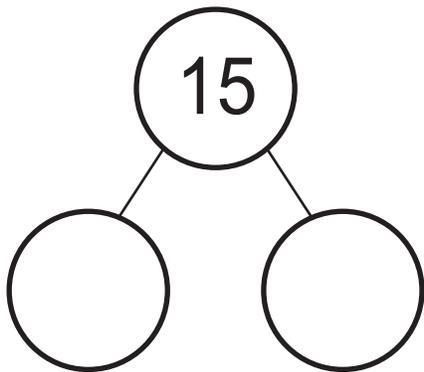
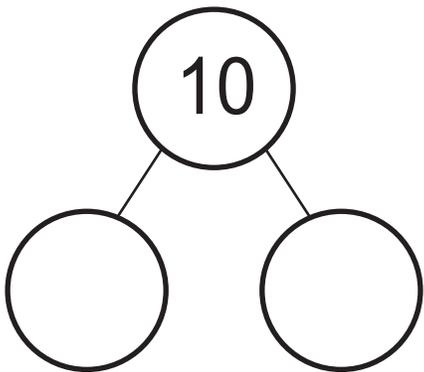
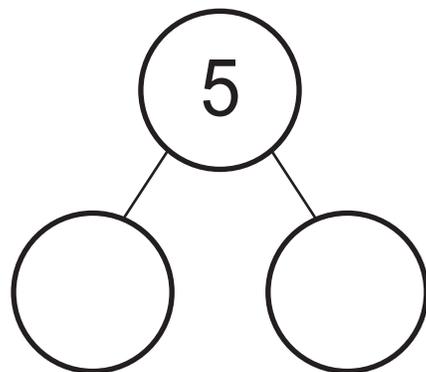
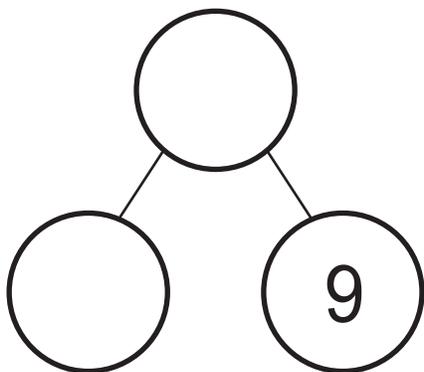
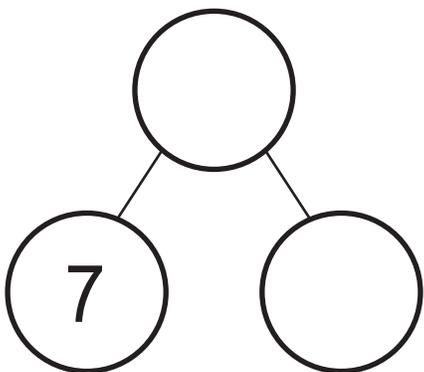
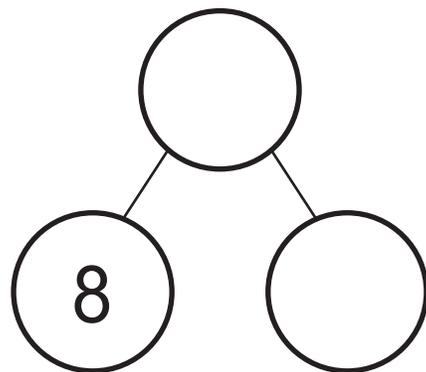
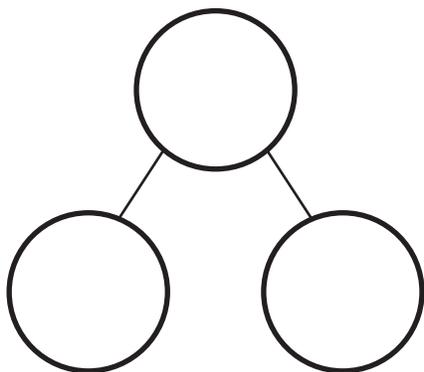
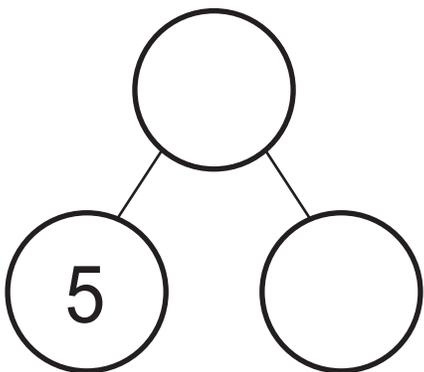
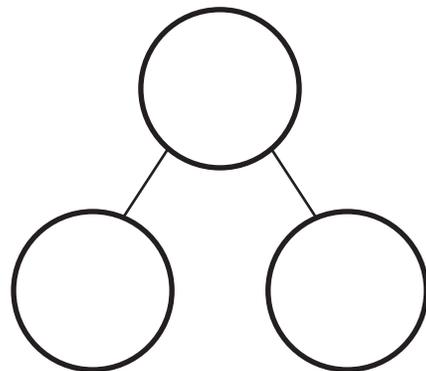
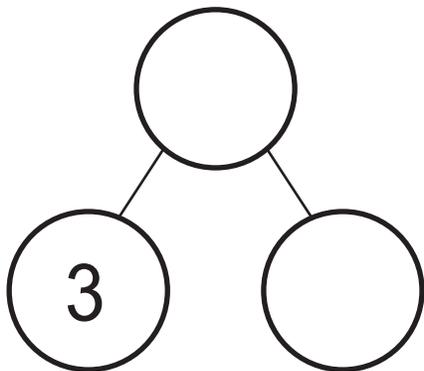
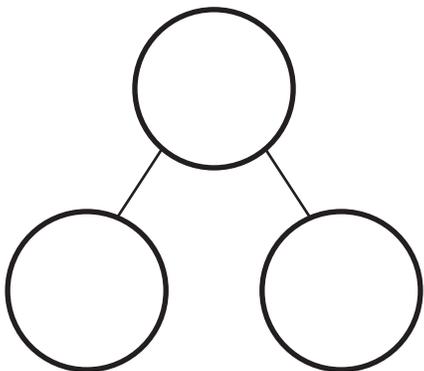
$$\begin{array}{r} 14 \\ - 7 \\ \hline \boxed{7} \end{array}$$

$$\begin{array}{r} 8 \\ + 7 \\ \hline \boxed{15} \end{array}$$

$$\begin{array}{r} \boxed{14} \\ - 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 20 \\ - \boxed{10} \\ \hline 10 \end{array}$$

## Make Your Own Number Bonds





# Make your own number bond pyramid

Example:

