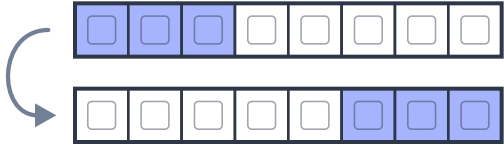
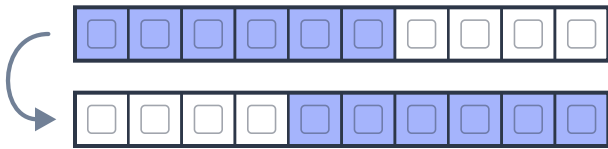


Properties of Addition

Count the cubes. Write an addition fact for each train.



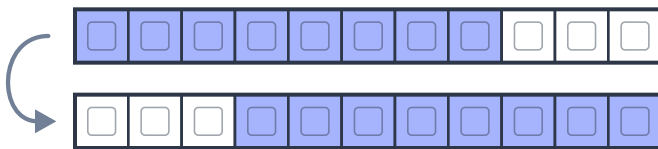
$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$



$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$



$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$



$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$



$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$



$$\begin{array}{rcl} \underline{\quad} & + & \underline{\quad} = \underline{\quad} \\ \underline{\quad} & + & \underline{\quad} = \underline{\quad} \end{array}$$

Properties of Addition

Write the turn-around fact for each one.

$$\begin{array}{c} \text{5} + \text{8} = \text{13} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{9} + \text{2} = \text{11} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{4} + \text{7} = \text{11} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{6} + \text{9} = \text{15} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{3} + \text{8} = \text{11} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{10} + \text{4} = \text{14} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{7} + \text{5} = \text{12} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{1} + \text{6} = \text{7} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{12} + \text{3} = \text{15} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{8} + \text{6} = \text{14} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{4} + \text{9} = \text{13} \\ \text{ } + \text{ } = \text{ } \end{array}$$

$$\begin{array}{c} \text{11} + \text{6} = \text{17} \\ \text{ } + \text{ } = \text{ } \end{array}$$

Properties of Addition

Add zero. Then circle True or False for each one.

Adding zero

$0 + 9 = \underline{\quad}$

$7 + 0 = \underline{\quad}$

$0 + 14 = \underline{\quad}$

$11 + 0 = \underline{\quad}$

$0 + 6 = \underline{\quad}$

$17 + 0 = \underline{\quad}$

True or false?

$6 + 3 = 3 + 6$

True

False

$4 + 0 = 0$

True

False

$5 + 2 = 2 + 6$

True

False

$0 + 8 = 8$

True

False

$7 + 9 = 9 + 7$

True

False

$8 + 1 = 8$

True

False

$5 + 0 = 0 + 5$

True

False

$9 + 4 = 4 + 8$

True

False

Properties of Addition

Circle the two numbers that make 10. Then add.

$$6 + 7 + 4 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$8 + 2 + 5 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$3 + 9 + 1 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$5 + 6 + 5 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$7 + 3 + 8 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$4 + 2 + 8 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$9 + 6 + 1 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$1 + 4 + 6 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$2 + 8 + 9 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$3 + 5 + 7 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$6 + 3 + 7 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

$$4 + 6 + 2 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

Properties of Addition

Write the missing number to make each one true.

Turn-around facts

$$4 + 9 = 9 + 4$$

Adding zero

$$6 + 0 = 6$$

Make a ten

$$7 + 3 + 2 = 10 + 2$$

$$9 + 6 = 6 + \underline{\quad}$$

$$3 + 7 + 5 = 10 + \underline{\quad}$$

$$8 + 0 = \underline{\quad} + 8$$

$$2 + 8 + 4 = \underline{\quad} + 4$$

$$4 + 11 = 11 + \underline{\quad}$$

$$\underline{\quad} + 0 = 13$$

$$5 + 9 = \underline{\quad} + 5$$

$$6 + 4 + 8 = 10 + \underline{\quad}$$

$$7 + \underline{\quad} = 7$$

$$6 + 3 + 4 = \underline{\quad} + 3$$

$$\underline{\quad} + 12 = 12 + 3$$

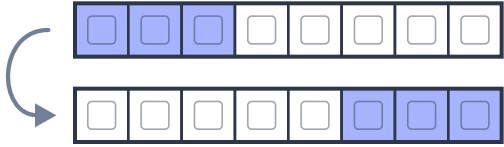
$$1 + 7 + 3 = 10 + \underline{\quad}$$

$$8 + 5 = 5 + \underline{\quad}$$

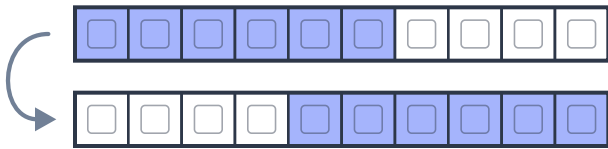
$$4 + 5 + 6 = \underline{\quad} + 5$$

Properties of Addition

Count the cubes. Write an addition fact for each train.



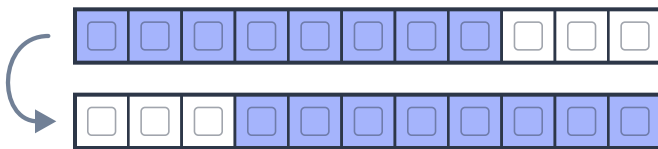
$$\begin{array}{r} 3 + 5 = 8 \\ 5 + 3 = 8 \end{array}$$



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



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



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



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



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

Properties of Addition

Write the turn-around fact for each one.

$$\begin{array}{r} 5 + 8 = 13 \\ \curvearrowright \\ \underline{8} + \underline{5} = \underline{13} \end{array}$$

$$\begin{array}{r} 9 + 2 = 11 \\ \curvearrowright \\ \underline{2} + \underline{9} = \underline{11} \end{array}$$

$$\begin{array}{r} 4 + 7 = 11 \\ \curvearrowright \\ \underline{7} + \underline{4} = \underline{11} \end{array}$$

$$\begin{array}{r} 6 + 9 = 15 \\ \curvearrowright \\ \underline{9} + \underline{6} = \underline{15} \end{array}$$

$$\begin{array}{r} 3 + 8 = 11 \\ \curvearrowright \\ \underline{8} + \underline{3} = \underline{11} \end{array}$$

$$\begin{array}{r} 10 + 4 = 14 \\ \curvearrowright \\ \underline{4} + \underline{10} = \underline{14} \end{array}$$

$$\begin{array}{r} 7 + 5 = 12 \\ \curvearrowright \\ \underline{5} + \underline{7} = \underline{12} \end{array}$$

$$\begin{array}{r} 1 + 6 = 7 \\ \curvearrowright \\ \underline{6} + \underline{1} = \underline{7} \end{array}$$

$$\begin{array}{r} 12 + 3 = 15 \\ \curvearrowright \\ \underline{3} + \underline{12} = \underline{15} \end{array}$$

$$\begin{array}{r} 8 + 6 = 14 \\ \curvearrowright \\ \underline{6} + \underline{8} = \underline{14} \end{array}$$

$$\begin{array}{r} 4 + 9 = 13 \\ \curvearrowright \\ \underline{9} + \underline{4} = \underline{13} \end{array}$$

$$\begin{array}{r} 11 + 6 = 17 \\ \curvearrowright \\ \underline{6} + \underline{11} = \underline{17} \end{array}$$

Properties of Addition

Add zero. Then circle True or False for each one.

Adding zero

$$0 + 9 = \underline{9}$$

$$7 + 0 = \underline{7}$$

$$0 + 14 = \underline{14}$$

$$11 + 0 = \underline{11}$$

$$0 + 6 = \underline{6}$$

$$17 + 0 = \underline{17}$$

True or false?

$$6 + 3 = 3 + 6$$

True

False

$$4 + 0 = 0$$

True

False

$$5 + 2 = 2 + 6$$

True

False

$$0 + 8 = 8$$

True

False

$$7 + 9 = 9 + 7$$

True

False

$$8 + 1 = 8$$

True

False

$$5 + 0 = 0 + 5$$

True

False

$$9 + 4 = 4 + 8$$

True

False

Properties of Addition

Circle the two numbers that make 10. Then add.

$$\textcircled{6} + 7 + \textcircled{4} = \underline{17}$$

$$10 + \underline{7} = \underline{17}$$

$$\textcircled{8} + \textcircled{2} + 5 = \underline{15}$$

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

$$3 + \textcircled{9} + \textcircled{1} = \underline{13}$$

$$10 + \underline{3} = \underline{13}$$

$$\textcircled{5} + 6 + \textcircled{5} = \underline{16}$$

$$10 + \underline{6} = \underline{16}$$

$$\textcircled{7} + \textcircled{3} + 8 = \underline{18}$$

$$10 + \underline{8} = \underline{18}$$

$$4 + \textcircled{2} + \textcircled{8} = \underline{14}$$

$$10 + \underline{4} = \underline{14}$$

$$\textcircled{9} + 6 + \textcircled{1} = \underline{16}$$

$$10 + \underline{6} = \underline{16}$$

$$1 + \textcircled{4} + \textcircled{6} = \underline{11}$$

$$10 + \underline{1} = \underline{11}$$

$$\textcircled{2} + \textcircled{8} + 9 = \underline{19}$$

$$10 + \underline{9} = \underline{19}$$

$$\textcircled{3} + 5 + \textcircled{7} = \underline{15}$$

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

$$6 + \textcircled{3} + \textcircled{7} = \underline{16}$$

$$10 + \underline{6} = \underline{16}$$

$$\textcircled{4} + \textcircled{6} + 2 = \underline{12}$$

$$10 + \underline{2} = \underline{12}$$

Properties of Addition

Write the missing number to make each one true.

Turn-around facts

$$4 + 9 = 9 + 4$$

Adding zero

$$6 + 0 = 6$$

Make a ten

$$7 + 3 + 2 = 10 + 2$$

$$9 + 6 = 6 + \underline{9}$$

$$3 + 7 + 5 = 10 + \underline{5}$$

$$8 + 0 = \underline{0} + 8$$

$$2 + 8 + 4 = \underline{10} + 4$$

$$4 + 11 = 11 + \underline{4}$$

$$\underline{13} + 0 = 13$$

$$5 + 9 = \underline{9} + 5$$

$$6 + 4 + 8 = 10 + \underline{8}$$

$$7 + \underline{0} = 7$$

$$6 + 3 + 4 = \underline{10} + 3$$

$$\underline{3} + 12 = 12 + 3$$

$$1 + 7 + 3 = 10 + \underline{1}$$

$$8 + 5 = 5 + \underline{8}$$

$$4 + 5 + 6 = \underline{10} + 5$$