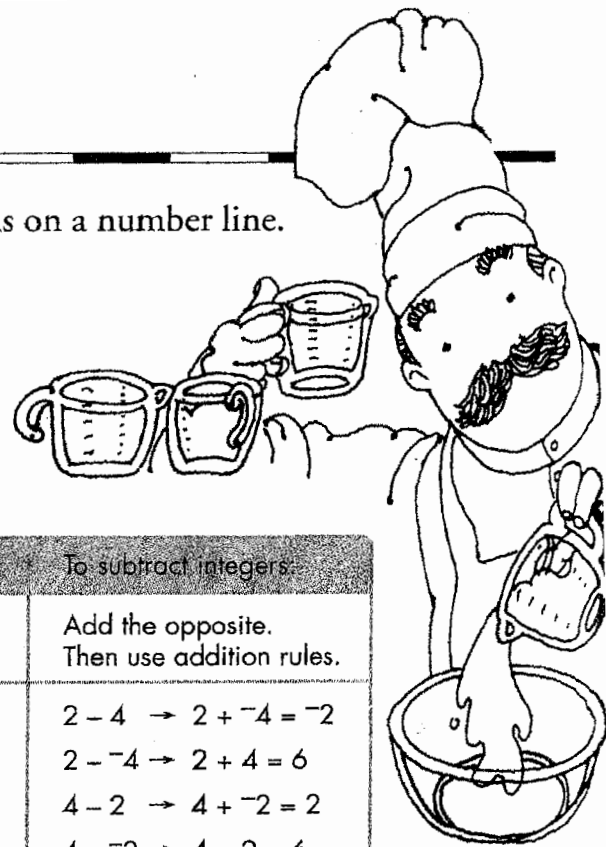
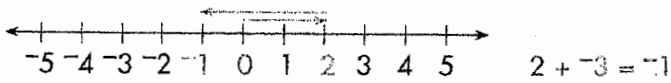


# Add and Subtract Integers

One way to add or subtract integers is to model the operations on a number line.

What is  $2 + -3$ ?



Another way to add or subtract integers is to learn the rules.

To add integers with same signs:	To add integers with different signs:	To subtract integers:
Find the sum. Use the same sign.	Find the difference. Use the sign of the greater whole number value.	Add the opposite. Then use addition rules.
$2 + 4 = 6$ $-2 + -4 = -6$	$2 + -4 = -2$ $-2 + 4 = 2$	$2 - 4 \rightarrow 2 + -4 = -2$ $2 - -4 \rightarrow 2 + 4 = 6$ $4 - 2 \rightarrow 4 + -2 = 2$ $4 - -2 \rightarrow 4 + 2 = 6$

► Add or subtract.

1.  $3 + 4 =$  \_\_\_\_\_
2.  $5 + -2 =$  \_\_\_\_\_
3.  $6 + -8 =$  \_\_\_\_\_
4.  $2 + -2 =$  \_\_\_\_\_
5.  $4 - 2 =$  \_\_\_\_\_
6.  $3 - 7 =$  \_\_\_\_\_
7.  $-5 - 4 =$  \_\_\_\_\_
8.  $4 - -4 =$  \_\_\_\_\_
9.  $3 - -6 =$  \_\_\_\_\_
10.  $-5 - 7 =$  \_\_\_\_\_
11.  $-2 - -6 =$  \_\_\_\_\_
12.  $-4 + -6 =$  \_\_\_\_\_
13.  $8 - 8 =$  \_\_\_\_\_
14.  $0 - 3 =$  \_\_\_\_\_
15.  $3 - 0 =$  \_\_\_\_\_
16.  $0 - -6 =$  \_\_\_\_\_

Solve.

17. The temperature was  $4^{\circ}$  F. It dropped  $6^{\circ}$  F. What is the new temperature? \_\_\_\_\_
18. Ted dove to a depth of 20 feet below sea level. Then he dove 10 more feet. What was his depth then?  
\_\_\_\_\_