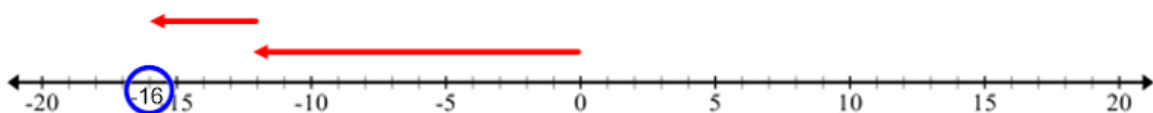


## 2.2 Subtracting Integers

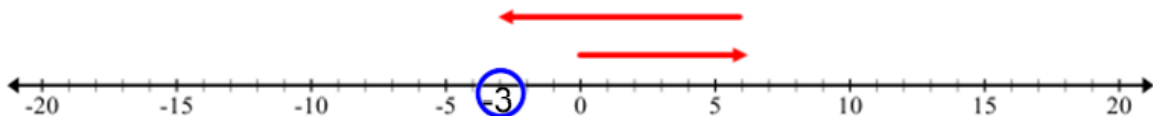
## PRACTICE

Model the following on the number line. Circle your solution.

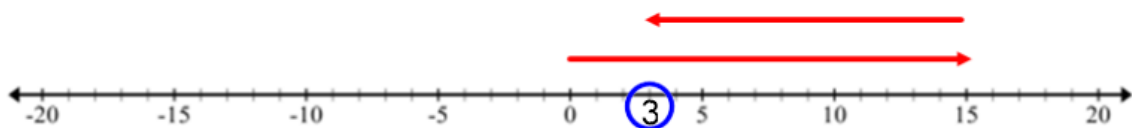
1.  $-12 - 4$



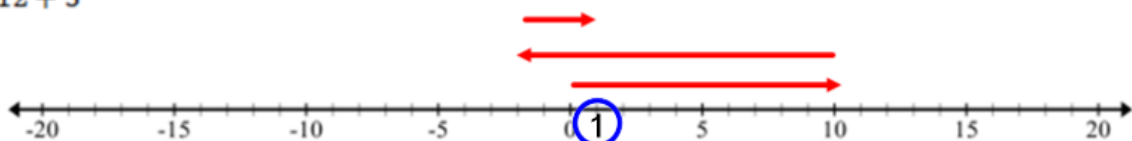
2.  $6 - 9$



3.  $15 - 12$

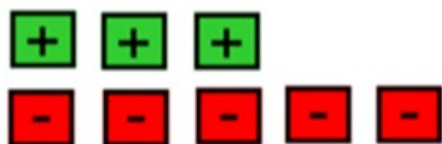


4.  $10 - 12 + 3$



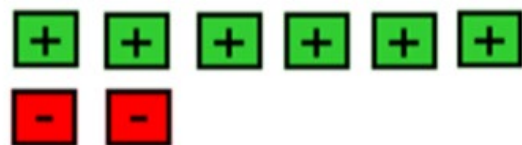
Write an equation to represent the following.

5.



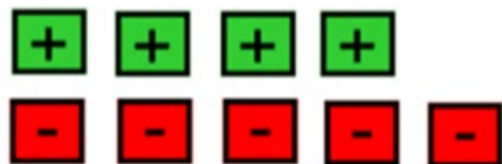
$$3 - 5 = -2$$

6.



$$6 - 2 = 4$$

7.



$$4 - 5 = -1$$

8. Rewrite the following expressions so that there is only one operation. Then perform that operation.

a.  $12 + (-5)$

$$12 - 5$$
$$\boxed{7}$$

b.  $7 + (-3)$

$$7 - 3$$
$$\boxed{4}$$

c.  $-6 + (+1)$

$$-6 + 1$$
$$\boxed{-5}$$

d.  $-3 + (-6)$

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

e.  $16 + (+3)$

$$16 + 3$$
$$\boxed{19}$$

f.  $-9 + (-2)$

$$-9 - 2$$
$$\boxed{-11}$$

9. Perform the indicated operation.

a.  $12 - 13$

$$\boxed{-1}$$

b.  $10 + (-3)$

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

c.  $-6 - 5$

$$\boxed{-11}$$

d.  $-3 + 8$

$$\boxed{5}$$

e.  $-11 + (-4)$

$$-11 - 4$$
$$\boxed{-15}$$

f.  $-4 + (+6)$

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

g.  $-12 - 8$

$$\boxed{-20}$$

h.  $5 + (-5)$

$$5 - 5$$
$$\boxed{0}$$

i.  $-8 + 2 - 4$

$$\checkmark$$
$$-6 - 4$$
$$\boxed{-10}$$

j.  $8 + (+7)$

$$8 + 7$$
$$\boxed{15}$$

k.  $-10 + 6$

$$\boxed{-4}$$

l.  $9 + 2 + (-5)$

$$\checkmark$$
$$11 - 5$$
$$\boxed{6}$$

m.  $15 + (-8)$

$$15 - 8$$
$$\boxed{7}$$

n.  $15 - 21$

$$\boxed{-6}$$

o.  $-9 - 15$

$$\boxed{-24}$$