

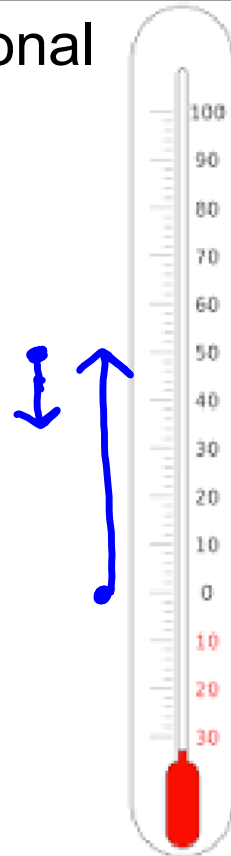
## HW: 1-4 MathXL for School Additional Practice (on Google Classroom)

### Warm up:

Create a vertical number line diagram for the situation, then solve.

50 degrees + (-16 degrees)

34°



How do you add two negative numbers?

*add the absolute values  
and make the sum negative*

How do you add two numbers of different signs?

*subtract the abs. val's  
take the sign of # w/ the bigger abs. val.*

## Subtraction

Subtraction is the same as ADDING the OPPOSITE.

$$2 - 6 = 2 + (-6) = (-4)$$

$$-2 - 7 = -2 + (-7) = (-9)$$

$$4 - (-3) = 4 + 3 = (7)$$

$$-5 - (-9) = -5 + 9 = (4)$$

$$-7 - 3$$

$$-7 + (-3)$$

$$-10$$

$$5 - (-4)$$

$$5 + 4$$

$$9$$

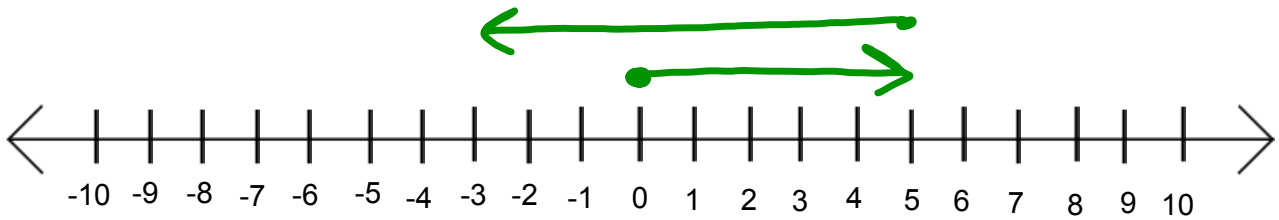
$$-12 - (-2)$$

$$-12 + 2$$

$$\textcircled{-10}$$

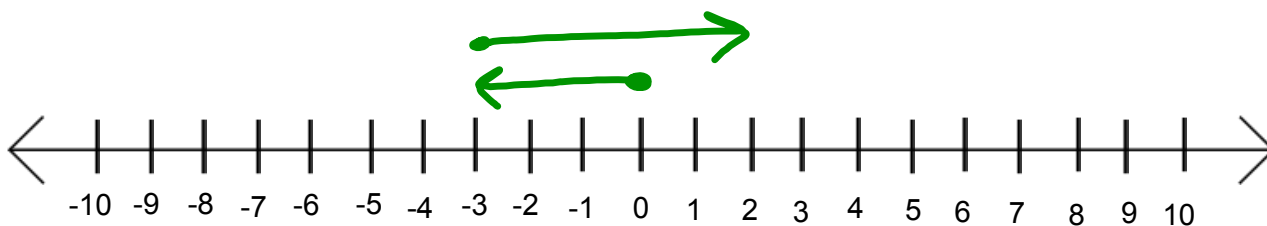
$$5 - 8$$

-3



$$-3 - (-5)$$

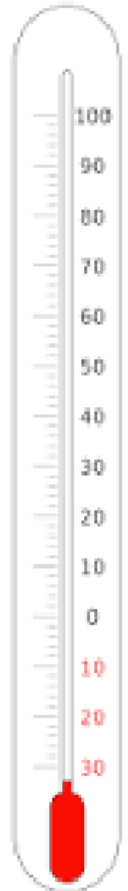
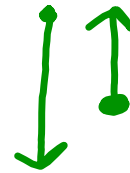
2





18 degrees - 30 degrees

-12 degrees



$$1) -10 - 5 = -15$$

$$2) -7 - (-4) = -3$$

$$3) 4 - 15 = -11$$

$$4) 3 - (-9) = 12$$

$$5) -2 - 2 = -4$$

$$6) 0 - (-3) = 3$$

$$7) 5 - (-5) = 10$$

$$8) -9 - (-2) = -7$$

9) The temperatures on the Moon vary from  $-173^{\circ}\text{C}$  to  $127^{\circ}\text{C}$ . Find the difference between the maximum and minimum temperatures.

$$127 - (-173)$$

$$127 + 173$$

$$300^{\circ}\text{C}$$

# HW Solutions

