

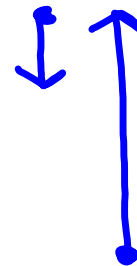
HW: 1-4 MathXL for School Additional Practice (on Google Classroom)

Warm up:

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

50 degrees + (-16 degrees)

34 degrees



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 absolute values
and take the sign of the #
w/ the bigger absolute value

Subtraction

Subtraction is the same as ADDING the OPPOSITE.

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

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

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

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

$$-7 - 3$$

$$-7 + (-3)$$

$$\textcircled{-10}$$

$$5 - (-4)$$

$$5 + 4$$

$$\textcircled{9}$$

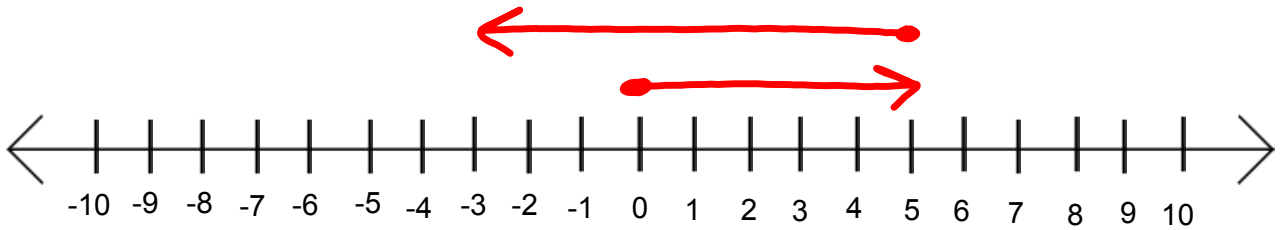
$$-12 - (-2)$$

$$-12 + 2$$

$$\textcircled{-10}$$

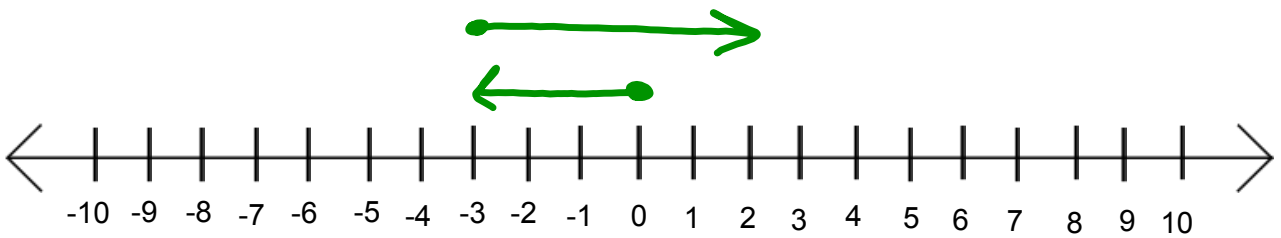
$$5 - 8$$

-3



$$-3 - (-5)$$

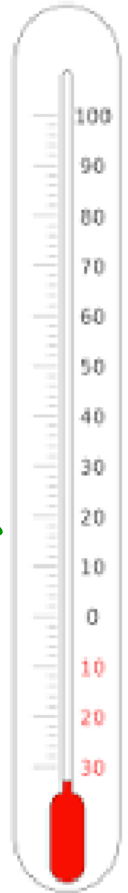
2



18 degrees - 30 degrees

-12 degrees

$$\begin{array}{r} 18 - 30 \\ 18 + (-30) \\ \hline -12 \end{array}$$



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

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

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

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

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

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

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

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

9) The temperatures on the Moon vary from -173°C to 127°C . Find the difference between the maximum and minimum temperatures.

$$\begin{aligned} & -173 - 127 \\ & -173 + (-127) \\ & -300 \end{aligned}$$

300 degrees

HW Solutions