

Warm up:

$$1) -5 - 9 = -14$$

$$2) -3 + (-7) = -10$$

$$3) -11 + 2 = -9$$

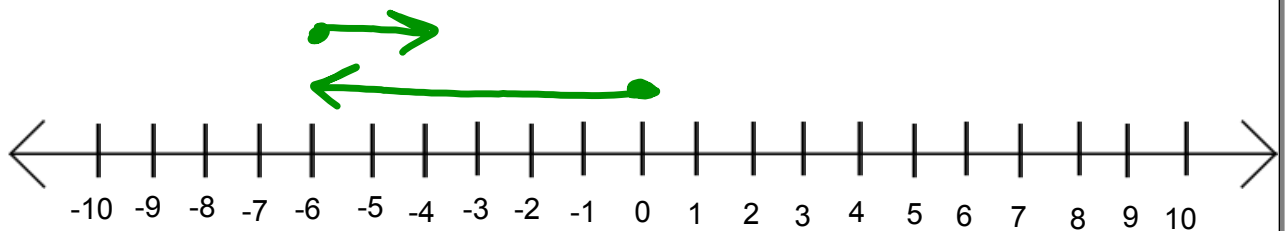
$$4) -4 - (-6) = 2$$

$$5) 3 - 5 = -2$$

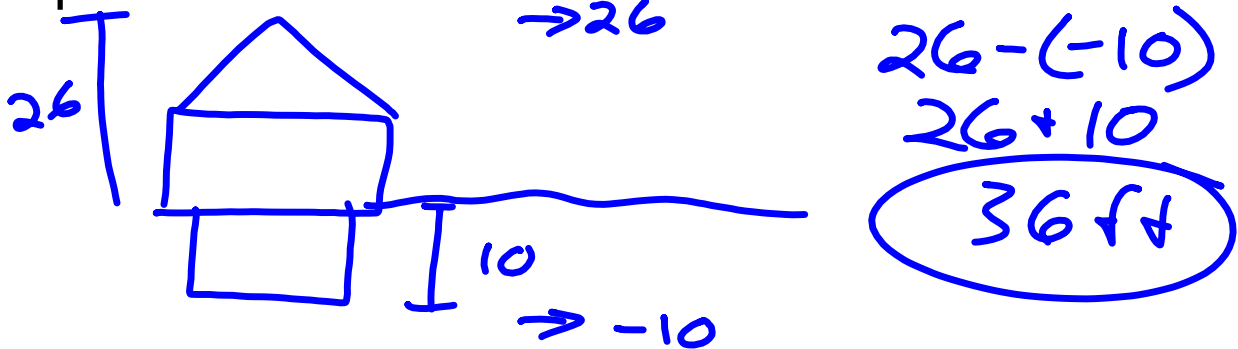


Draw a number line diagram to represent the following problem.

$$-6 + 2$$



The top of Tom's house is 26ft above ground level. The floor of his basement is 10 feet below ground level. What is the distance between the top of his house and floor of his basement?



Identify the property being demonstrated.

$$7 \cdot 4 = 4 \cdot 7$$

commutative

$$\underline{-33 + 12}$$

$$\underline{-12}$$

$$-4\frac{1}{8} - \left(-1\frac{1}{2}\right)$$

$$-4\frac{1}{8} - \left(-\frac{2}{4}\right)$$

$$-4\frac{1}{8} + \left(+\frac{2}{4}\right)$$

$$-4\frac{1}{8} - \left(-\frac{2}{4}\right)$$

$$-9.125 - 4.68$$

$$-9.125 + (-4.68)$$

$$\begin{array}{r} 9.125 \\ +4.680 \\ \hline \end{array}$$

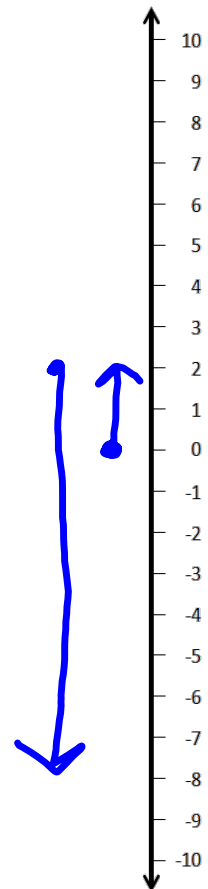
$$13.805$$

$$13.805$$

$$-13.805$$

Draw a number line diagram to represent the following problem.

$$2 - 10$$



Yesterday, the high was -14° . Today, the high is forecasted to be 6 degrees higher. What is the high for today?

Identify the property being demonstrated.

$$4(5n - 9) = 20n - 36$$

$$-\frac{7}{9} + \left(-2\frac{2}{3}\right)$$

$$-5.59 - (-2.2)$$

Identify the property being demonstrated.

$$5 + 0 = 5$$

$$-\frac{4}{9} + \left(-1\frac{3}{8}\right)$$

$$-3\frac{1}{5} + 1\frac{5}{6}$$

