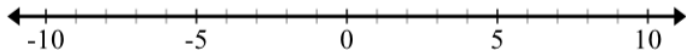


# Corrective Assignment

Plot the two points on the number line. Find the distance between the two points.

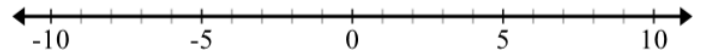
1. Plot
- $-5$
- and
- $6$

Distance =



2. Plot
- $8$
- and
- $-1$

Distance =



Write an expression for each situation and solve it. Label your answer.

3. Tony has \$16. He spends \$8 on candy and then gets \$4 in allowance. How much money does he have?

Expression:

Answer:

4. The temperature went from
- $-2^{\circ}\text{F}$
- in the morning to
- $18^{\circ}\text{F}$
- at noon. How much did the temperature change?

Expression:

Answer:

Create a model of the situation. Write an expression and solve it. Label your answer.

5. A hiker leaves camp and heads due north for 6 km. She turns around and heads due south for 4 km. How far from camp is she?

Model:

Expression:

Answer:

6. The temperature at in the evening is
- $8^{\circ}\text{F}$
- and drops 15 degrees by midnight. What is the temperature at midnight?

Model:

Expression:

Answer:

### ANSWERS TO CORRECTIVE ASSIGNMENT

1. 11	2. 9	3. $16 - 8 + 4 = \$12$	4. $-2 - 18 = -20$ so temperature changed $2^{\circ}$
5. Expression: $6 - 4$ or $6 + (-4)$ Answer: 2 km north		6. Expression: $8 - 15$ or $8 + (-15)$ Answer: $-7^{\circ}\text{F}$	