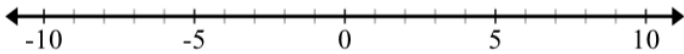


**Corrective Assignment #2**

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

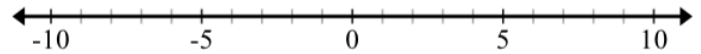
1. Plot
- $-2$
- and
- $5$

Distance =



2. Plot
- $4$
- and
- $-4$

Distance =



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

3. Tony has \$12. He earns \$6 dollars babysitting and then spends \$8 on lunch. How much money does he have?

Expression:

Answer:

4. Tonie is on a hill 12 meters above sea level. She rolls 10 meters down the hill, then climbs up 3 meters. How far above sea level is Tonie?

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 8 km. She turns around and heads due south for 5 km. How far from camp is she?

Model:

Expression:

Answer:

6. The temperature at in the evening is
- $10^{\circ}\text{F}$
- and drops 12 degrees by midnight. What is the temperature at midnight?

Model:

Expression:

Answer:

**ANSWERS TO CORRECTIVE ASSIGNMENT**

|  |      |  |                             |
|--|------|--|-----------------------------|
| 1. 7   | 2. 8 | 3. $12 + 6 - 8 = \$10$   | 4. $12 - 10 + 3 = 5$ meters |
| 5. Expression: $8 - 5$ or $8 + (-5)$<br>Answer: 3 km north |      | 6. Expression: $10 - 12$ or $10 + (-12)$<br>Answer: $-2^{\circ}\text{F}$ |                             |