Name: _____

Integer Operations Word Problems

Write an integer expression and solve.

1. The high temperature was 50°F and the low was −7°F. What is the difference?

   Answer: _____

2. A stock lost $8 in 4 days. If it lost the same amount each day, what was the change per day?

   Answer: _____

3. Jay has $38 in his account. He spends $72. What is his balance now?

   Answer: _____

4. The temperature was −11°F at midnight. By noon it rose 12 degrees. What was the noon temperature?

   Answer: _____

5. A diver is at −69 feet. She swims up 12 feet. What is her new depth?

   Answer: _____

6. A submarine dives 2 meters every minute for 3 minutes. What is its change in depth?

   Answer: _____

7. The high temperature was 96°F and the low was −30°F. What is the difference?

   Answer: _____

8. A stock lost $16 in 4 days. If it lost the same amount each day, what was the change per day?

   Answer: _____

9. Jay has $57 in his account. He spends $48. What is his balance now?

   Answer: _____

10. The temperature was −15°F at midnight. By noon it rose 5 degrees. What was the noon temperature?

    Answer: _____

Name: **ANSWER KEY**

Integer Operations Word Problems

Write an integer expression and solve.

1. The high temperature was 50°F and the low was −7°F. What is the difference?

Answer: 57 degrees

2. A stock lost $8 in 4 days. If it lost the same amount each day, what was the change per day?

Answer: −2 dollars

3. Jay has $38 in his account. He spends $72. What is his balance now?

Answer: −34 dollars

4. The temperature was −11°F at midnight. By noon it rose 12 degrees. What was the noon temperature?

Answer: 1°F

5. A diver is at −69 feet. She swims up 12 feet. What is her new depth?

Answer: −57 feet

6. A submarine dives 2 meters every minute for 3 minutes. What is its change in depth?

Answer: −6 meters

7. The high temperature was 96°F and the low was −30°F. What is the difference?

Answer: 126 degrees

8. A stock lost $16 in 4 days. If it lost the same amount each day, what was the change per day?

Answer: −4 dollars

9. Jay has $57 in his account. He spends $48. What is his balance now?

Answer: 9 dollars

10. The temperature was −15°F at midnight. By noon it rose 5 degrees. What was the noon temperature?

Answer: −10°F