

Unit 7: Rational Numbers

PRACTICE

Name: _____ Date: _____

Solve each problem. Write your answer on the line. Use plain-text notation (for example: -5, 3/4, (3, -4)).

1. Evaluate the absolute value: $|-17|$.

Answer: _____

2. Which number is greater: -8 or -3? Write the greater number.

Answer: _____

3. What is the opposite of -12?

Answer: _____

4. Evaluate: $|9|$.

Answer: _____

5. In which quadrant is the point (-4, 6) located?

Answer with a quadrant number 1, 2, 3, or 4.

Answer: _____

6. Order these three numbers from least to greatest:

-2, 5, -7. Write them separated by commas.

Answer: _____

7. A submarine is at -250 feet (250 feet below sea level). A fish is at -80 feet. Which is deeper (farther below sea level)? Answer 'submarine' or 'fish'.

Answer: _____

8. Is the statement true or false: $-6 < -10$? Answer 'yes' if true or 'no' if false.

Answer: _____

9. What is the x-coordinate of the point (7, -3)?

Answer: _____

10. A point is at (5, 2). It is reflected across the x-axis. What are the coordinates of the new point? Write as (x, y).

Answer: _____

11. The temperature was -4°C in the morning and rose 9° by noon. What is the temperature at noon in $^{\circ}\text{C}$?

Answer: _____

12. Evaluate the absolute value: $|-3/4|$.

Answer: _____