

Unit 7: Rational Numbers

CONCEPT

Name: _____ Date: _____

Solve each problem. Write your answer in simplest form. Show negative numbers with a minus sign (for example, -5).

1. What is the opposite of -8?

Answer: _____

2. Compute: $-3 + 10$

Answer: _____

3. Compute: $4 + (-9)$

Answer: _____

4. Compute: $-6 - (-2)$

Answer: _____

5. Compute: -5×3

Answer: _____

6. Compute: $-12 \div 4$

Answer: _____

7. Compute: $-7 \times (-2)$

Answer: _____

8. What is the absolute value of -9? Write $|-9|$.

Answer: _____

9. Compute: $\frac{1}{2} + (-\frac{1}{4})$

Answer: _____

10. In the coordinate plane, a point is 2 units right of the origin and 3 units down. Write its coordinates as (x, y).

Answer: _____

11. Which is greater, -4 or -1? Write the greater number.

Answer: _____

12. Compute: $-2.5 + 4$

Answer: _____