

Prealgebra Review HW #10: Properties of Numbers

Identify the property illustrated by the statement.

1) $19 + (3 + 4) = (19 + 3) + 4$

2) $4(x + 4) = 4x + 4 \cdot 4$

3) $\frac{1}{2} \cdot 2 = 1$

4) $(7 + 1) + 9 = (1 + 7) + 9$

5) $3 + 0 = 3$

6) $3 + (-3) = 0$

7) $9 \cdot 1 = 9$

Find the sum.

8) $157 + 8 + (-7) + (-8)$

9) $197 + 43 + 3 + 7$

Find the product.

10) $25 \cdot (-2) \cdot 43 \cdot 2$

11) $-5(43)(2)$

Use the properties of real numbers to simplify the expression.

12) $-\frac{2}{3} + \frac{1}{8} + \frac{7}{8} + \frac{2}{3}$

Answer Key

Testname: PREALGEBRA REVIEW HW #10

- 1) associative property of addition
- 2) distributive property
- 3) multiplicative inverse property
- 4) commutative property of addition
- 5) identity element for addition
- 6) additive inverse property
- 7) identity element for multiplication
- 8) 150
- 9) 250
- 10) -4300
- 11) -430
- 12) 1