



PROPERTIES OF INTEGER MULTIPLICATION

- 1.** The Commutative Property of Multiplication says
 - a) that you can group numbers in any order
 - b) that you can multiply numbers in any order
 - c) that you multiply anything by zero you get zero
 - d) None of the above

- 2.** The Associative Property of Multiplication says
 - a) that you can regroup
 - b) that you can multiply in any order
 - c) that when you multiply anything by 1 and get the same number
 - d) None of the above

- 3.** What does the Identity Property mean?
 - a) When you can change the grouping
 - b) When you multiply any number by zero and get zero
 - c) When you multiply any number by 1 and get that number
 - d) None of the above

4. Which property is this an example of?

$$6 \times 7 = 7 \times 6$$

- a) Associative Property of Multiplication
- b) Commutative Property of Multiplication
- c) Inverse Property of Multiplication
- d) Distributive Property

5. Multiplicative Inverse means:

The product of a number and its

_____ equals 1.

- a) opposite
- b) absolute value
- c) reciprocal
- d) negative

6. Which of the following shows the multiplicative inverse of $\frac{4}{5}$?

- a) $\frac{4}{5} \times 1 = \frac{4}{5}$
- b) $\frac{4}{5} \times 0 = 0$
- c) $\frac{4}{5} \times \frac{5}{4} = 1$
- d) $\frac{4}{5} \times \frac{4}{5} = 1$

7. Name the property here.

$$10 \cdot 1 = 10$$

- a) Multiplicative Inverse
- b) Multiplicative Identity
- c) Multiplicative Property of Zero

8. Name the property here.

$$5 \cdot 1 = 5$$

- a) Multiplicative Inverse
- b) Multiplicative Identity
- c) Multiplicative Property of Zero
- d) None of the above

9. Which property states that when a number is multiplied by one it equals itself?

- a) Multiplicative Inverse
- b) Multiplicative Identity
- c) Multiplicative Property of Zero
- d) None of the above

10. Which property states that if you multiply a number by its reciprocal you get 1?

- a) Additive Inverse
- b) Multiplicative Inverse
- c) Associative property of multiplication
- d) Commutative Property of multiplication