



Properties of Multiplication and Division with 10-digit Numbers

1. What property is shown by the equation:

$$1234567890 \times 1 = 1234567890$$

- A) Commutative Property of Multiplication
- B) Identity Property of Multiplication
- C) Zero Property of Multiplication
- D) Associative Property of Multiplication

2. What property is illustrated by:

$$(9876543210 \times 3) \times 5 = 9876543210 \times (3 \times 5)$$

- A) Distributive Property
- B) Commutative Property of Multiplication
- C) Associative Property of Multiplication
- D) Identity Property of Multiplication

3. What is the result of: $1000000000 \times 0 =$

- A) 1000000000
- B) 1
- C) 0
- D) 1000000000×1

4. Which of the following demonstrates the Commutative Property of Multiplication?

- A) $9876543210 \times 2 = 2 \times 9876543210$
- B) $1234567890 \times 1 = 1234567890$
- C) $1000000000 \times (2 + 3) = 1000000000 \times 2 + 1000000000 \times 3$
- D) $(9876543210 \times 2) \times 5 = 9876543210 \times (2 \times 5)$

5. What is the result of dividing a 10-digit number by 1?

$1234567890 \div 1 =$

- A) 1
- B) 0
- C) 123456789
- D) 1234567890

6. What property is shown by the equation:

$1000000000 \times 5 = 5 \times 1000000000$

- A) Identity Property of Multiplication
- B) Commutative Property of Multiplication
- C) Associative Property of Multiplication
- D) Zero Property of Multiplication

7. What property is demonstrated by:

$$1234567890 \times (5 + 3) = (1234567890 \times 5) + (1234567890 \times 3)$$

- A) Associative Property of Multiplication
- B) Commutative Property of Multiplication
- C) Distributive Property
- D) Zero Property of Multiplication

8. What is the result of: $876543210 / 9876543210 =$

- A) 0
- B) 1
- C) 9876543210
- D) 1000000000

9. Which property does this equation show?

$$(8765432109 \times 4) \times 2 = 8765432109 \times (4 \times 2)$$

- A) Associative Property of Multiplication
- B) Commutative Property of Multiplication
- C) Identity Property of Multiplication
- D) Zero Property of Multiplication

10. What property is shown here?

$$100000000 \times 1 = 100000000$$

- A) Commutative Property of Multiplication
- B) Zero Property of Multiplication
- C) Identity Property of Multiplication
- D) Distributive Property

11. Which of the following demonstrates division by 1?

$$9876543210 \div 1 =$$

- A) 9876543210
- B) 1
- C) 0
- D) 987654321

12. What is the result of: $100000000 \times 10 =$

- A) 10000000000
- B) 100000000
- C) 0
- D) 1

13. Which property is illustrated by: $1234567890 \times 0 = 0$

- A) Zero Property of Multiplication
- B) Commutative Property of Multiplication
- C) Identity Property of Multiplication
- D) Associative Property of Multiplication

14. What is the result of: $999999999 \div 999999999 =$

- A) 999999999
- B) 0
- C) 1
- D) 1000000000

15. What property is illustrated by this equation?

$$8765432109 \times (2 \times 5) = (8765432109 \times 2) \times 5$$

- A) Commutative Property of Multiplication
- B) Associative Property of Multiplication
- C) Identity Property of Multiplication
- D) Zero Property of Multiplication