



Multiplication and Division: 10-Digit Numbers - MCQ Questions

1. Which of the following represents the Commutative Property of Multiplication?

- A) $2,000,000,000 \times 3,000,000,000 = 3,000,000,000 \times 2,000,000,000$
- B) $4,000,000,000 \times 1 = 4,000,000,000$
- C) $2,000,000,000 \times (3,000,000,000 \times 4) = (2,000,000,000 \times 3,000,000,000) \times 4$
- D) None of the above

2. Using the Associative Property of Multiplication, what is $(1,000,000,000 \times 2,000,000,000) \times 3$?

- A) 6,000,000,000,000,000,000
- B) 5,000,000,000,000,000,000
- C) 4,000,000,000,000,000,000
- D) 2,000,000,000,000,000,000

3. If $5,000,000,000 \div \underline{\hspace{2cm}} = 1,000,000,000$, what is the missing number?

- A) 4,000,000,000
- B) 5,000,000,000
- C) 2,500,000,000
- D) 3,000,000,000

4. According to the Identity Property of Multiplication, what is the value of $1,000,000,000 \times \underline{\hspace{2cm}} = 1,000,000,000$?

- A) 0
- B) 1
- C) 2
- D) 10

5. Which of the following is an example of the Distributive Property?

A) $5,000,000,000 + 3,000,000,000 = 8,000,000,000$

B) $2 \times (3 + 5) = (2 \times 3) + (2 \times 5)$

C) $10,000,000,000 \div 2 = 5,000,000,000$

D) None of the above

6. If $12,345,678,900 \div \underline{\hspace{2cm}} = 1,234,567,890$, what is the missing number?

A) 10

B) 100

C) 1,000

D) 1,000,000

7. If $9,000,000,000 \times \underline{\hspace{2cm}} = 18,000,000,000$, what is the missing number?

A) 1

B) 2

C) 3

D) 4

8. Using the property of zero in multiplication, what is the value of $\underline{\hspace{2cm}} \times 0 = 10,000,000,000$?

A) 1,000,000,000

B) 10,000,000,000

C) 0

D) None of the above

9. Which of the following is true according to the Division Property?

- A) $10,000,000,000 \div 2 = 5,000,000,000$
- B) $10,000,000,000 \div 5 = 2,000,000,000$
- C) $10,000,000,000 \div 10 = 1,000,000,000$
- D) All of the above

10. What is the value of $6,000,000,000 \times 2 =$ _____

- A) 12,000,000,000
- B) 10,000,000,000
- C) 8,000,000,000
- D) 14,000,000,000

11. If _____ $\div 3,000,000,000 = 1,000,000,000$, what is the missing number?

- A) 3,000,000,000
- B) 2,000,000,000
- C) 4,000,000,000
- D) 5,000,000,000

12. Which property is illustrated by the equation

$$2,000,000,000 \times (5 + 3) = (2,000,000,000 \times 5) + (2,000,000,000 \times 3)?$$

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

13. Using the Identity Property of Division, what is the value of
_____ $\div$ 1,000,000,000 = 1,000,000,000?

- A) 2,000,000,000
- B) 1,000,000,000
- C) 0
- D) None of the above

14. If $8,000,000,000 \times$ _____ = 40,000,000,000, what is the missing number?

- A) 5
- B) 4
- C) 3
- D) 6

15. Which equation correctly applies the Commutative Property of Division?

- A) $6,000,000,000 \div 3,000,000,000 = 2,000,000,000$
- B) $3,000,000,000 \div 6,000,000,000 = 0.5$
- C) $3,000,000,000 \div 6,000,000,000 = 6,000,000,000 \div 3,000,000,000$
- D) None of the above