Codingal

Multiplication and Division: 10-Digit Numbers - MCQ Questions

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

A) 2,000,000,000 × 3,000,000,000 = 3,000,000,000 × 2,000,000,000

B) 4,000,000,000 × 1 = 4,000,000,000

C) 2,000,000,000 × (3,000,000,000 × 4) = (2,000,000,000 × 3,000,000,000) × 4

D) None of the above

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

A) 6,000,000,000,000,000,000,000

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 ÷ _____ = 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 × _____ = 1,000,000,000?

A) 0

B) 1

C) 2

D) 10

LIVEWORKSHEETS

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 × (3 + 5) = (2 × 3) + (2 × 5)

C) 10,000,000,000 ÷ 2 = 5,000,000,000

D) None of the above

6. If 12,345,678,900 ÷ _____ = 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 × _____? = 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 _____× 0 = 10,000,000,000?

A) 1,000,000,000

B) 10,000,000,000

C) 0

D) None of the above

LIVEWORKSHEETS

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

A) 10,000,000,000 ÷ 2 = 5,000,000,000

B) 10,000,000,000 ÷ 5 = 2,000,000,000

C) 10,000,000,000 ÷ 10 = 1,000,000,000

D) All of the above

10. What is the value of 6,000,000,000 × 2 = _____

A) 12,000,000,000

B) 10,000,000,000

C) 8,000,000,000

D) 14,000,000,000

11. If _____ ÷ 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 × (5 + 3) = (2,000,000,000 × 5) +(2,000,000,000 × 3)?

A) Commutative Property

B) Associative Property

C) Distributive Property

D) Identity Property

LIVEWORKSHEETS

13. Using the Identity Property of Division, what is the value of
_____ ÷ 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 × _____ = 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 ÷ 3,000,000,000 = 2,000,000,000

B) 3,000,000,000 ÷ 6,000,000,000 = 0.5

C) 3,000,000,000 ÷ 6,000,000,000 = 6,000,000,000 ÷ 3,000,000,000

D) None of the above

LIVEWORKSHEETS