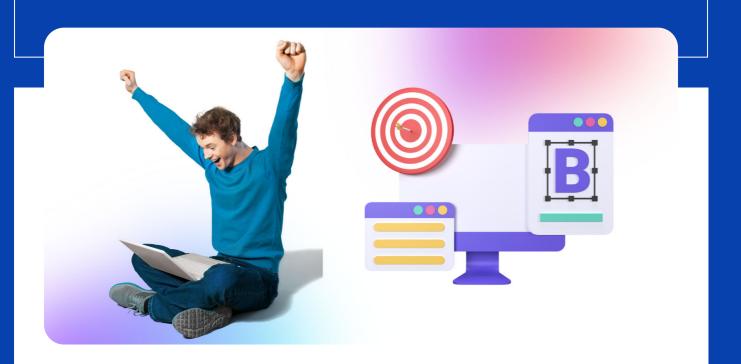


ASSOCIATIVE PROPERTY FORMULA

Associative is a property that contains addition and multiplication within brackets in a way that doesn't affect the result. Associative properties make sure that the sum of numbers doesn't change if grouped in different ways. This blog will teach you about associative properties, their formula, and their application. Associative meaning is a group of quantities connected by the operators that give the same results.







Q1: Which of the following operations does the associative property apply to?

- A: Addition and subtraction
- B: Multiplication and division
- C: Addition and multiplication
- D: Subtraction and division

Q2: In the expression (a + b) + c, which property allows you to change the grouping without changing the result?

A: Associative property

- **B:** Commutative property
- C: Distributive property
- D: Identity property

Q3: Which of the following expressions demonstrates the associative property of addition?

A: (2 + 3) + 4 = 2 + (3 + 4)B: $(2 + 3) \times 4 = 2 \times (3 + 4)$ C: $(2 \times 3) - 4 = 2 \times (3 \times 4)$ D: $(2 \times 3) + 4 = 2 + (3 \times 4)$

Q4: In which of the following associative property is not used?

A: Subtraction B: Multiplication C: Addition D: Both B and C

Q5: What is associative properties?

- A: Ungrouping of numbers
- B: Order of numbers
- C: Change in numbers grouping without affecting the results
- D: All of the above



Q6: x + y = y + x is which property?

A: Associative property

- B: Commutative property
- C: Distributive property
- D: Identity property

Q7: 2 + (8 + 7) = 7 + (2 + 8) is which property?

A: Associative property

- B: Commutative property
- C: Distributive property
- D: Identity property

Q8: Where can we use associative properties?

A: Calculating some amount B: Costing C: Planning D: All of the above

Q9: Commutative property can change results?

A: Yes

B: No

C: It is similar to associative property

D: Not defined

Q10: Associative properties can be used in daily life?

A: Yes B: No





Answers

- Q1: C Addition and multiplication
- Q2: A Associative property
- **Q3:** A (2 + 3) + 4 = 2 + (3 + 4)
- Q4: A Subtraction
- Q5: C Change in numbers grouping without affecting the results
- Q6: B Commutative property
- Q7: A Associative property
- Q8: D All of the above
- **Q9:** B No
- Q10: A Yes