

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.

[Read more](#)

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
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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
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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: $(2 \times 3) + 4 = 2 + (3 \times 4)$
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Q4: In which of the following associative property is not used?

- A: Subtraction
 - B: Multiplication
 - C: Addition
 - D: Both B and C
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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
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Q6: $x + y = y + x$ is which property?

- A: Associative property
 - B: Commutative property
 - C: Distributive property
 - D: Identity property
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Q7: $2 + (8 + 7) = 7 + (2 + 8)$ is which property?

- A: Associative property
 - B: Commutative property
 - C: Distributive property
 - D: Identity property
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Q8: Where can we use associative properties?

- A: Calculating some amount
 - B: Costing
 - C: Planning
 - D: All of the above
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Q9: Commutative property can change results?

- A: Yes
 - B: No
 - C: It is similar to associative property
 - D: Not defined
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Q10: Associative properties can be used in daily life?

- A: Yes
 - B: No
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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