

Practice Questions on Commutative Property

Name: _____ Date: _____

Practice Questions on Commutative Property

Easy Level

1. Fill in the blank:

$$25 + 14 = \underline{\quad} + 25$$

Answer: 14

2. Complete the statement:

$$9 \times 6 = \underline{\quad} \times 9$$

Answer: 6

3. Is the following statement true or false?

$$18 + 27 = 27 + 18$$

Answer: True

4. Is multiplication commutative?

Answer: Yes

5. Write the commutative form of:

$$13 + 21$$

Answer: $21 + 13$

Medium Level

6. Which of the following follows the commutative property?

a) $8 - 3 = 3 - 8$

b) $5 \times 7 = 7 \times 5$

c) $12 \div 4 = 4 \div 12$

Answer: b) $5 \times 7 = 7 \times 5$

7. Fill in the blank:

$36 \times \underline{\quad} = 18 \times 36$

Answer: 18

8. Rearrange the numbers using the commutative property:

$42 + 19$

Answer: $19 + 42$

9. Does the commutative property apply to subtraction?

Answer: No

10. Find the value without calculating again:

$48 \times 15 = 720$

Then, $15 \times 48 = \underline{\quad}$

Answer: 720

Hard Level

11. Ravi says, "Division is commutative because $20 \div 5 = 5 \div 20$."

Is Ravi correct? Explain.

Answer: No. $20 \div 5 = 4$, while $5 \div 20 = 0.25$. Since the answers are different, division is not commutative.

12. Which expression is equivalent to $81 + 39$ using the commutative property?

- a) $81 - 39$
- b) $39 + 81$
- c) $39 - 81$
- d) 81×39

Answer: b) $39 + 81$

13. If $56 \times 12 = 672$, what is the value of 12×56 ?

Answer: 672

14. Tick (✓) the operations that satisfy the commutative property.

- Addition
- Multiplication
- Subtraction
- Division

Answer:

- ✓ Addition
- ✓ Multiplication
- ✗ Subtraction

- X Division
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15. Explain in one sentence why subtraction does not follow the commutative property.

Answer: Changing the order of the numbers changes the result, so subtraction is not commutative.

