



Properties of Multiplication

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. Grade 3: which property does $4 \times 7 = 7 \times 4$ show?

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

2. Grade 3: which property does $(2 \times 3) \times 5 = 2 \times (3 \times 5)$ show?

- A) Distributive
- B) Associative
- C) Zero
- D) Identity

3. Grade 3: which property does $6 \times (4 + 2) = 6 \times 4 + 6 \times 2$ show?

- A) Identity
- B) Commutative
- C) Distributive
- D) Zero

4. Grade 3: which property does $15 \times 0 = 0$ show?

- A) Identity
- B) Zero
- C) Commutative
- D) Distributive

Part B: Fill in the Blank

Write the correct answer on each line.

1. Grade 3: $9 \times 1 = 9$ shows the _____ property of multiplication.
2. Grade 3: $3 \times 8 = 8 \times 3$ shows the _____ property.
3. Grade 3: $(4 \times 5) \times 2 = 4 \times (5 \times 2)$ shows the _____ property.
4. Grade 3: $5 \times (3 + 4) = 5 \times 3 + 5 \times 4$ shows the _____ property.
5. Grade 3: $23 \times 0 = 0$ shows the _____ property of multiplication.

Answer Key · Properties of Multiplication · Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. Grade 3: which property does $4 \times 7 = 7 \times 4$ show?

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

2. Grade 3: which property does $(2 \times 3) \times 5 = 2 \times (3 \times 5)$ show?

- A) Distributive
- B) Associative
- C) Zero
- D) Identity

3. Grade 3: which property does $6 \times (4 + 2) = 6 \times 4 + 6 \times 2$ show?

- A) Identity
- B) Commutative
- C) Distributive
- D) Zero

4. Grade 3: which property does $15 \times 0 = 0$ show?

- A) Identity
- B) Zero
- C) Commutative
- D) Distributive

Part B: Fill in the Blank

Write the correct answer on each line.

1. Grade 3: $9 \times 1 = 9$ shows the identity property of multiplication.
2. Grade 3: $3 \times 8 = 8 \times 3$ shows the commutative property.
3. Grade 3: $(4 \times 5) \times 2 = 4 \times (5 \times 2)$ shows the associative property.
4. Grade 3: $5 \times (3 + 4) = 5 \times 3 + 5 \times 4$ shows the distributive property.
5. Grade 3: $23 \times 0 = 0$ shows the zero property of multiplication.