Commutative Property of Multiplication   Sheet 1

Identify the commutative property of multiplication from the choices below.

1)

A. $6 \times 1 = 6$

B. $6 \times (2 \times 7) = (6 \times 2) \times 7$

C. $6 \times 2 = 2 \times 6$

D. $6 \times \frac{1}{6} = 1$

Correct Choice: ☐

2)

A. $9 \times 3 = 3 \times 9$

B. $9 \times (3 + 7) = 9 \times 3 + 9 \times 7$

C. $9 \times (3 \times 7) = (9 \times 3) \times 7$

D. $9 \times 1 = 9$

Correct Choice: ☐

3)

A. $5 \times 1 = 5$

B. $5 \times (11 + 4) = 5 \times 11 + 5 \times 4$

C. $5 \times 11 = 11 \times 5$

D. $(5 \times 11) \times 4 = 5 \times (11 \times 4)$

Correct Choice: ☐

4)

A. $2 \times \frac{1}{2} = 1$

B. $2 \times (5 \times 9) = (2 \times 5) \times 9$

C. $2 \times (5 + 9) = 2 \times 5 + 2 \times 9$

D. $2 \times 5 = 5 \times 2$

Correct Choice: ☐

5)

A. $11 \times 8 = 8 \times 11$

B. $(11 \times 8) \times 6 = 11 \times (8 \times 6)$

C. $11 \times 1 = 11$

D. $11 \times \frac{1}{11} = 1$

Correct Choice: ☐

6)

A. $10 \times 1 = 10$

B. $10 \times 2 = 2 \times 10$

C. $10 \times \frac{1}{10} = 1$

D. $10 \times (2 + 4) = 10 \times 2 + 10 \times 4$

Correct Choice: ☐

7)

A. $3 \times 1 = 3$

B. $3 \times (9 \times 12) = (3 \times 9) \times 12$

C. $3 \times (9 + 12) = 3 \times 9 + 3 \times 12$

D. $3 \times 9 = 9 \times 3$

Correct Choice: ☐

8)

A. $(7 \times 10) \times 2 = 7 \times (10 \times 2)$

B. $7 \times 10 = 10 \times 7$

C. $\frac{7}{10} \times \frac{10}{7} = 1$

D. $7 \times (10 + 2) = 7 \times 10 + 7 \times 2$

Correct Choice: ☐

9)

A. $12 \times 6 = 6 \times 12$

B. $12 \times 1 = 12$

C. $12 \times (6 + 8) = 12 \times 6 + 12 \times 8$

D. $(12 \times 6) \times 8 = 12 \times (6 \times 8)$

Correct Choice: ☐

10)

A. $4 \times (9 + 5) = 4 \times 9 + 4 \times 5$

B. $4 \times (9 \times 5) = (4 \times 9) \times 5$

C. $4 \times 9 = 9 \times 4$

D. $4 \times 1 = 4$

Correct Choice: ☐

Answer key

Commutative Property of Multiplication

Sheet 1

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1)

$A.\ 6 \times 1 = 6$

$B.\ 6 \times (2 \times 7) = (6 \times 2) \times 7$

$C.\ 6 \times 2 = 2 \times 6$

$D.\ 6 \times \frac{1}{6} = 1$

Correct Choice: **C**

2)

$A.\ 9 \times 3 = 3 \times 9$

$B.\ 9 \times (3 + 7) = 9 \times 3 + 9 \times 7$

$C.\ 9 \times (3 \times 7) = (9 \times 3) \times 7$

$D.\ 9 \times 1 = 9$

Correct Choice: **A**

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3)

$A.\ 5 \times 1 = 5$

$B.\ 5 \times (11 + 4) = 5 \times 11 + 5 \times 4$

$C.\ 5 \times 11 = 11 \times 5$

$D.\ (5 \times 11) \times 4 = 5 \times (11 \times 4)$

Correct Choice: **C**

4)

$A.\ 2 \times \frac{1}{2} = 1$

$B.\ 2 \times (5 \times 9) = (2 \times 5) \times 9)$

$C.\ 2 \times (5 + 9) = 2 \times 5 + 2 \times 9$

$D.\ 2 \times 5 = 5 \times 2$

Correct Choice: **D**

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5)

$A.\ 11 \times 8 = 8 \times 11$

$B.\ (11 \times 8) \times 6 = 11 \times (8 \times 6)$

$C.\ 11 \times 1 = 11$

$D.\ 11 \times \frac{1}{11} = 1$

Correct Choice: **A**

6)

$A.\ 10 \times 1 = 10$

$B.\ 10 \times 2 = 2 \times 10$

$C.\ 10 \times \frac{1}{10} = 1$

$D.\ 10 \times (2 + 4) = 10 \times 2 + 10 \times 4$

Correct Choice: **B**

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7)

$A.\ 3 \times 1 = 3$

$B.\ 3 \times (9 \times 12) = (3 \times 9) \times 12$

$C.\ 3 \times (9 + 12) = 3 \times 9 + 3 \times 12$

$D.\ 3 \times 9 = 9 \times 3$

Correct Choice: **D**

8)

$A.\ (7 \times 10) \times 2 = 7 \times (10 \times 2)$

$B.\ 7 \times 10 = 10 \times 7$

$C.\ \frac{7}{10} \times \frac{10}{7} = 1$

$D.\ 7 \times (10 + 2) = 7 \times 10 + 7 \times 2$

Correct Choice: **B**

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9)

$A.\ 12 \times 6 = 6 \times 12$

$B.\ 12 \times 1 = 12$

$C.\ 12 \times (6 + 8) = 12 \times 6 + 12 \times 8$

$D.\ (12 \times 6) \times 8 = 12 \times (6 \times 8)$

Correct Choice: **A**

10)

$A.\ 4 \times (9 + 5) = 4 \times 9 + 4 \times 5$

$B.\ 4 \times (9 \times 5) = (4 \times 9) \times 5$

$C.\ 4 \times 9 = 9 \times 4$

$D.\ 4 \times 1 = 4$

Correct Choice: **C**