

Name: _____

Score: _____

Associative Property of Multiplication

Sheet 2

Identify the associative property of multiplication from the choices below.

1)

A. $10 \times (3 \times 5) = (10 \times 3) \times 5$

B. $10 \times 3 = 3 \times 10$

C. $10 \times 1 = 10$

D. $10 \times (3 + 5) = 10 \times 3 + 10 \times 5$

Correct Choice:

2)

A. $5 \times 1 = 5$

B. $5 \times (9 \times 12) = (5 \times 9) \times 12$

C. $5 \times (9 + 12) = 5 \times 9 + 5 \times 12$

D. $5 \times 9 = 9 \times 5$

Correct Choice:

3)

A. $8 \times (9 + 2) =$

B. $8 \times (9 \times 2) =$

C. $8 \times 9 = 9 \times 8$

D. $8 \times 1 = 8$

Correct Choice:

5)

A. $7 \times 8 = 8 \times 7$

B. $7 \times 1 = 7$

C. $(7 \times 8) \times 5 =$

D. $7 \times \frac{1}{7} = 1$

Correct Choice:

7)

A. $9 \times 4 = 4 \times 9$

B. $9 \times (4 + 6) =$

C. $9 \times (4 \times 6) =$

D. $9 \times 1 = 9$

Correct Choice:

9)

A. $11 \times 5 = 5 \times 11$

B. $11 \times 1 = 11$

C. $11 \times (5 + 2) = 11 \times 6 + 12 \times 8$

D. $(11 \times 5) \times 2 = 11 \times (5 \times 2)$

Correct Choice:

10)

A. $5 \times 1 = 5$

B. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$

C. $5 \times 10 = 10 \times 5$

D. $5 \times (10 + 4) = 5 \times 10 + 5 \times 4$

Correct Choice:

Name: _____

Answer key

Score: _____

Associative Property of Multiplication

Sheet 2

1)

A. $10 \times (3 \times 5) = (10 \times 3) \times 5$

B. $10 \times 3 = 3 \times 10$

C. $10 \times 1 = 10$

D. $10 \times (3 + 5) = 10 \times 3 + 10 \times 5$

Correct Choice:

A

2)

A. $5 \times 1 = 5$

B. $5 \times (9 \times 12) = (5 \times 9) \times 12$

C. $5 \times (9 + 12) = 5 \times 9 + 5 \times 12$

D. $5 \times 9 = 9 \times 5$

Correct Choice:

B

3)

A. $8 \times (9 + 2) = 8 \times 9 + 8 \times 2$

B. $8 \times (9 \times 2) =$

C. $8 \times 9 = 9 \times 8$

D. $8 \times 1 = 8$

Correct Choice:

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5)

A. $7 \times 8 = 8 \times 7$

B. $7 \times 1 = 7$

C. $(7 \times 8) \times 5 =$

D. $7 \times \frac{1}{7} = 1$

Correct Choice:

7)

A. $9 \times 4 = 4 \times 9$

B. $9 \times (4 + 6) =$

C. $9 \times (4 \times 6) =$

D. $9 \times 1 = 9$

Correct Choice:

9)

A. $11 \times 5 = 5 \times 11$

B. $11 \times 1 = 11$

C. $11 \times (5 + 2) = 11 \times 6 + 12 \times 8$

D. $(11 \times 5) \times 2 = 11 \times (5 \times 2)$

Correct Choice:

D

10)

A. $5 \times 1 = 5$

B. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$

C. $5 \times 10 = 10 \times 5$

D. $5 \times (10 + 4) = 5 \times 10 + 5 \times 4$

Correct Choice:

B