



## Finding Distributive Property of Multiplication

Name:

Determine which choice best shows the distributive property of multiplication.

Answers

- 1) A.  $10 \times 1 = 10$   
B.  $(10 \times 1) \times 4 = 10 \times (1 \times 4)$

- C.  $(10 \times 1) + (10 \times 4) = 10 \times (1 + 4)$   
D.  $10 \times 1 = 1 \times 10$

- 2) A.  $7 \times 5 = 5 \times 7$   
B.  $7 \times (5 \times 2) = (7 \times 5) \times 2$   
C.  $7 \times (5 + 2) = (7 \times 5) + (7 \times 2)$   
D.  $1 \times 7 = 7$

- 3) A.  $3 \times (9 \times 4) = (3 \times 9) \times 4$   
B.  $1 \times 3 = 3$   
C.  $3 \times 9 = 9 \times 3$   
D.  $3 \times (9 + 4) = (3 \times 9) + (3 \times 4)$

- 4) A.  $1 \times 3 = 3$   
B.  $3 \times (9 \times 0) = (3 \times 9) \times 0$   
C.  $3 \times (9 + 0) = (3 \times 9) + (3 \times 0)$   
D.  $3 \times 9 = 9 \times 3$

- 5) A.  $(4 \times 8) + (4 \times 3) = 4 \times (8 + 3)$   
B.  $4 \times 8 = 8 \times 4$   
C.  $4 \times 1 = 4$   
D.  $(4 \times 8) \times 3 = 4 \times (8 \times 3)$

- 6) A.  $9 \times 1 = 9$   
B.  $(9 \times 7) \times 3 = 9 \times (7 \times 3)$   
C.  $(9 \times 7) + (9 \times 3) = 9 \times (7 + 3)$   
D.  $9 \times 7 = 7 \times 9$

- 7) A.  $10 \times 3 = 3 \times 10$   
B.  $10 \times (3 + 1) = (10 \times 3) + (10 \times 1)$   
C.  $10 \times (3 \times 1) = (10 \times 3) \times 1$   
D.  $1 \times 10 = 10$

- 8) A.  $(3 \times 7) \times 4 = 3 \times (7 \times 4)$   
B.  $3 \times 1 = 3$   
C.  $3 \times 7 = 7 \times 3$   
D.  $(3 \times 7) + (3 \times 4) = 3 \times (7 + 4)$

- 9) A.  $2 \times (8 \times 5) = (2 \times 8) \times 5$   
B.  $2 \times 8 = 8 \times 2$   
C.  $1 \times 2 = 2$   
D.  $2 \times (8 + 5) = (2 \times 8) + (2 \times 5)$

- 10) A.  $1 \times (8 + 9) = (1 \times 8) + (1 \times 9)$   
B.  $1 \times 1 = 1$   
C.  $1 \times (8 \times 9) = (1 \times 8) \times 9$   
D.  $1 \times 8 = 8 \times 1$

- 11) A.  $8 \times 4 = 4 \times 8$   
B.  $8 \times (4 \times 9) = (8 \times 4) \times 9$   
C.  $1 \times 8 = 8$   
D.  $8 \times (4 + 9) = (8 \times 4) + (8 \times 9)$

- 12) A.  $(0 \times 1) + (0 \times 7) = 0 \times (1 + 7)$   
B.  $(0 \times 1) \times 7 = 0 \times (1 \times 7)$   
C.  $0 \times 1 = 1 \times 0$   
D.  $0 \times 1 = 0$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

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7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



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 C.  $0 \times 1 = 1 \times 0$   
 D.  $0 \times 1 = 0$

1. **C**

2. **C**

3. **D**

4. **C**

5. **A**

6. **C**

7. **B**

8. **D**

9. **D**

10. **A**

11. **D**

12. **A**