

## Finding Associative Property of Multiplication

Name: \_\_\_\_\_

Determine which choice best shows the associative property of multiplication.

Answers

- 1) A.  $2 \times 1 = 2$   
B.  $2 \times 10 = 10 \times 2$   
C.  $(2 \times 10) + (2 \times 7) = 2 \times (10 + 7)$   
D.  $(2 \times 10) \times 7 = 2 \times (10 \times 7)$

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

- 3) A.  $(9 \times 0) \times 7 = 9 \times (0 \times 7)$   
B.  $9 \times 1 = 9$   
C.  $9 \times 0 = 0 \times 9$   
D.  $(9 \times 0) + (9 \times 7) = 9 \times (0 + 7)$

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

- 5) A.  $1 \times 0 = 0$   
B.  $0 \times (5 + 10) = (0 \times 5) + (0 \times 10)$   
C.  $0 \times (5 \times 10) = (0 \times 5) \times 10$   
D.  $0 \times 5 = 5 \times 0$

- 6) A.  $10 \times (6 \times 0) = (10 \times 6) \times 0$   
B.  $10 \times (6 + 0) = (10 \times 6) + (10 \times 0)$   
C.  $1 \times 10 = 10$   
D.  $10 \times 6 = 6 \times 10$

- 7) A.  $3 \times 8 = 8 \times 3$   
B.  $(3 \times 8) \times 2 = 3 \times (8 \times 2)$   
C.  $3 \times 1 = 3$   
D.  $(3 \times 8) + (3 \times 2) = 3 \times (8 + 2)$

- 8) A.  $1 \times 2 = 2$   
B.  $2 \times (6 + 5) = (2 \times 6) + (2 \times 5)$   
C.  $2 \times (6 \times 5) = (2 \times 6) \times 5$   
D.  $2 \times 6 = 6 \times 2$

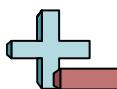
- 9) A.  $7 \times (10 + 1) = (7 \times 10) + (7 \times 1)$   
B.  $7 \times 10 = 10 \times 7$   
C.  $7 \times (10 \times 1) = (7 \times 10) \times 1$   
D.  $1 \times 7 = 7$

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

- 11) A.  $6 \times 1 = 1 \times 6$   
B.  $(6 \times 1) + (6 \times 5) = 6 \times (1 + 5)$   
C.  $(6 \times 1) \times 5 = 6 \times (1 \times 5)$   
D.  $6 \times 1 = 6$

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

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_  
7. \_\_\_\_\_  
8. \_\_\_\_\_  
9. \_\_\_\_\_  
10. \_\_\_\_\_  
11. \_\_\_\_\_  
12. \_\_\_\_\_



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1. **D**

2. **C**

3. **A**

4. **A**

5. **C**

6. **A**

7. **B**

8. **C**

9. **C**

10. **A**

11. **C**

12. **A**