



Determine which choice best shows the distributive property of multiplication.

**Answers**

- 1) A.  $(7 \times 10) \times 6 = 7 \times (10 \times 6)$   
 B.  $(7 \times 10) + (7 \times 6) = 7 \times (10 + 6)$   
 C.  $7 \times 1 = 7$   
 D.  $7 \times 10 = 10 \times 7$

- 2) A.  $0 \times (9 \times 8) = (0 \times 9) \times 8$   
 B.  $1 \times 0 = 0$   
 C.  $0 \times (9 + 8) = (0 \times 9) + (0 \times 8)$   
 D.  $0 \times 9 = 9 \times 0$

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

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

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

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

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

- 8) A.  $1 \times 10 = 10$   
 B.  $10 \times (4 \times 8) = (10 \times 4) \times 8$   
 C.  $10 \times (4 + 8) = (10 \times 4) + (10 \times 8)$   
 D.  $10 \times 4 = 4 \times 10$

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

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

- 11) A.  $10 \times (0 + 7) = (10 \times 0) + (10 \times 7)$   
 B.  $1 \times 10 = 10$   
 C.  $10 \times 0 = 0 \times 10$   
 D.  $10 \times (0 \times 7) = (10 \times 0) \times 7$

- 12) A.  $(3 \times 7) \times 5 = 3 \times (7 \times 5)$   
 B.  $3 \times 1 = 3$   
 C.  $(3 \times 7) + (3 \times 5) = 3 \times (7 + 5)$   
 D.  $3 \times 7 = 7 \times 3$

1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
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 7. \_\_\_\_\_  
 8. \_\_\_\_\_  
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 10. \_\_\_\_\_  
 11. \_\_\_\_\_  
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1.   **B**
2.   **C**
3.   **C**
4.   **B**
5.   **A**
6.   **A**
7.   **A**
8.   **C**
9.   **C**
10.   **C**
11.   **A**
12.   **C**