



**Determine which choice best shows the distributive property of multiplication.**

**Answers**

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

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

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

- 4) A.  $0 \times 1 = 0$   
 B.  $0 \times 7 = 7 \times 0$   
 C.  $(0 \times 7) \times 8 = 0 \times (7 \times 8)$   
 D.  $(0 \times 7) + (0 \times 8) = 0 \times (7 + 8)$

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

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

- 7) A.  $(8 \times 2) + (8 \times 10) = 8 \times (2 + 10)$   
 B.  $(8 \times 2) \times 10 = 8 \times (2 \times 10)$   
 C.  $8 \times 1 = 8$   
 D.  $8 \times 2 = 2 \times 8$

- 8) A.  $1 \times 4 = 4$   
 B.  $4 \times (10 \times 3) = (4 \times 10) \times 3$   
 C.  $4 \times 10 = 10 \times 4$   
 D.  $4 \times (10 + 3) = (4 \times 10) + (4 \times 3)$

- 9) A.  $7 \times 10 = 10 \times 7$   
 B.  $7 \times (10 \times 8) = (7 \times 10) \times 8$   
 C.  $1 \times 7 = 7$   
 D.  $7 \times (10 + 8) = (7 \times 10) + (7 \times 8)$

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

- 11) A.  $5 \times 0 = 0 \times 5$   
 B.  $5 \times 1 = 5$   
 C.  $(5 \times 0) + (5 \times 6) = 5 \times (0 + 6)$   
 D.  $(5 \times 0) \times 6 = 5 \times (0 \times 6)$

- 12) A.  $5 \times (4 \times 0) = (5 \times 4) \times 0$   
 B.  $5 \times (4 + 0) = (5 \times 4) + (5 \times 0)$   
 C.  $5 \times 4 = 4 \times 5$   
 D.  $1 \times 5 = 5$

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 10. \_\_\_\_\_  
 11. \_\_\_\_\_  
 12. \_\_\_\_\_



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 D.  $1 \times 5 = 5$

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