



Determine which choice best shows the distributive property of multiplication.

**Answers**

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

- 2) A.  $0 \times (10 \times 4) = (0 \times 10) \times 4$   
 B.  $0 \times (10 + 4) = (0 \times 10) + (0 \times 4)$   
 C.  $1 \times 0 = 0$   
 D.  $0 \times 10 = 10 \times 0$

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

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

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

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

- 7) A.  $6 \times (10 \times 9) = (6 \times 10) \times 9$   
 B.  $6 \times 10 = 10 \times 6$   
 C.  $1 \times 6 = 6$   
 D.  $6 \times (10 + 9) = (6 \times 10) + (6 \times 9)$

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

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

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

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

- 12) A.  $9 \times (2 + 6) = (9 \times 2) + (9 \times 6)$   
 B.  $9 \times 2 = 2 \times 9$   
 C.  $9 \times (2 \times 6) = (9 \times 2) \times 6$   
 D.  $1 \times 9 = 9$

1. \_\_\_\_\_  
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 11. \_\_\_\_\_  
 12. \_\_\_\_\_



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 D.  $1 \times 9 = 9$

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