



Determine which choice best shows the identity property of multiplication.

**Answers**

1) A.  $7 \times 1 = 7$

B.  $(7 \times 6) + (7 \times 4) = 7 \times (6 + 4)$

C.  $7 \times 6 = 6 \times 7$

D.  $(7 \times 6) \times 4 = 7 \times (6 \times 4)$

2) A.  $4 \times 5 = 5 \times 4$

B.  $(4 \times 5) \times 1 = 4 \times (5 \times 1)$

C.  $4 \times 1 = 4$

D.  $(4 \times 5) + (4 \times 1) = 4 \times (5 + 1)$

3) A.  $4 \times (8 \times 2) = (4 \times 8) \times 2$

B.  $1 \times 4 = 4$

C.  $4 \times (8 + 2) = (4 \times 8) + (4 \times 2)$

D.  $4 \times 8 = 8 \times 4$

4) A.  $(9 \times 2) + (9 \times 0) = 9 \times (2 + 0)$

B.  $9 \times 1 = 9$

C.  $(9 \times 2) \times 0 = 9 \times (2 \times 0)$

D.  $9 \times 2 = 2 \times 9$

5) A.  $(9 \times 8) \times 6 = 9 \times (8 \times 6)$

B.  $(9 \times 8) + (9 \times 6) = 9 \times (8 + 6)$

C.  $9 \times 1 = 9$

D.  $9 \times 8 = 8 \times 9$

6) A.  $1 \times (0 + 3) = (1 \times 0) + (1 \times 3)$

B.  $1 \times 0 = 0 \times 1$

C.  $1 \times 1 = 1$

D.  $1 \times (0 \times 3) = (1 \times 0) \times 3$

7) A.  $2 \times (9 \times 6) = (2 \times 9) \times 6$

B.  $2 \times 9 = 9 \times 2$

C.  $2 \times (9 + 6) = (2 \times 9) + (2 \times 6)$

D.  $1 \times 2 = 2$

8) A.  $5 \times 6 = 6 \times 5$

B.  $5 \times 1 = 5$

C.  $(5 \times 6) \times 0 = 5 \times (6 \times 0)$

D.  $(5 \times 6) + (5 \times 0) = 5 \times (6 + 0)$

9) A.  $6 \times 2 = 2 \times 6$

B.  $6 \times (2 \times 9) = (6 \times 2) \times 9$

C.  $1 \times 6 = 6$

D.  $6 \times (2 + 9) = (6 \times 2) + (6 \times 9)$

10) A.  $7 \times 1 = 7$

B.  $7 \times 4 = 4 \times 7$

C.  $(7 \times 4) \times 8 = 7 \times (4 \times 8)$

D.  $(7 \times 4) + (7 \times 8) = 7 \times (4 + 8)$

11) A.  $(2 \times 10) + (2 \times 1) = 2 \times (10 + 1)$

B.  $2 \times 1 = 2$

C.  $(2 \times 10) \times 1 = 2 \times (10 \times 1)$

D.  $2 \times 10 = 10 \times 2$

12) A.  $(6 \times 5) + (6 \times 2) = 6 \times (5 + 2)$

B.  $6 \times 1 = 6$

C.  $(6 \times 5) \times 2 = 6 \times (5 \times 2)$

D.  $6 \times 5 = 5 \times 6$

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

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

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 D.  $6 \times 5 = 5 \times 6$

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