



Determine which choice best shows the identity property of multiplication.

**Answers**

- 1) A.  $9 \times 1 = 9$   
 B.  $(9 \times 2) + (9 \times 5) = 9 \times (2 + 5)$   
 C.  $(9 \times 2) \times 5 = 9 \times (2 \times 5)$   
 D.  $9 \times 2 = 2 \times 9$

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

- 3) A.  $7 \times (6 \times 5) = (7 \times 6) \times 5$   
 B.  $7 \times (6 + 5) = (7 \times 6) + (7 \times 5)$   
 C.  $7 \times 6 = 6 \times 7$   
 D.  $1 \times 7 = 7$

- 4) A.  $6 \times (9 + 5) = (6 \times 9) + (6 \times 5)$   
 B.  $1 \times 6 = 6$   
 C.  $6 \times 9 = 9 \times 6$   
 D.  $6 \times (9 \times 5) = (6 \times 9) \times 5$

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

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

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

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

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

- 10) A.  $1 \times 0 = 0$   
 B.  $0 \times (4 + 3) = (0 \times 4) + (0 \times 3)$   
 C.  $0 \times (4 \times 3) = (0 \times 4) \times 3$   
 D.  $0 \times 4 = 4 \times 0$

- 11) A.  $9 \times (2 + 4) = (9 \times 2) + (9 \times 4)$   
 B.  $9 \times (2 \times 4) = (9 \times 2) \times 4$   
 C.  $1 \times 9 = 9$   
 D.  $9 \times 2 = 2 \times 9$

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

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



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