



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A.  $(10 \times 6) \times 5 = 10 \times (6 \times 5)$   
B.  $(10 \times 6) + (10 \times 5) = 10 \times (6 + 5)$   
C.  $10 \times 1 = 10$   
D.  $10 \times 6 = 6 \times 10$

- 2) A.  $7 \times 2 = 2 \times 7$   
B.  $7 \times 1 = 7$   
C.  $(7 \times 2) \times 0 = 7 \times (2 \times 0)$   
D.  $(7 \times 2) + (7 \times 0) = 7 \times (2 + 0)$

- 3) A.  $(3 \times 9) \times 4 = 3 \times (9 \times 4)$   
B.  $3 \times 9 = 9 \times 3$   
C.  $3 \times 1 = 3$   
D.  $(3 \times 9) + (3 \times 4) = 3 \times (9 + 4)$

- 4) A.  $(9 \times 2) + (9 \times 3) = 9 \times (2 + 3)$   
B.  $9 \times 2 = 2 \times 9$   
C.  $9 \times 1 = 9$   
D.  $(9 \times 2) \times 3 = 9 \times (2 \times 3)$

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

- 6) A.  $(5 \times 10) \times 9 = 5 \times (10 \times 9)$   
B.  $5 \times 10 = 10 \times 5$   
C.  $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$   
D.  $5 \times 1 = 5$

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

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

- 9) A.  $3 \times (2 + 10) = (3 \times 2) + (3 \times 10)$   
B.  $3 \times 2 = 2 \times 3$   
C.  $3 \times (2 \times 10) = (3 \times 2) \times 10$   
D.  $1 \times 3 = 3$

- 10) A.  $1 \times 9 = 9$   
B.  $9 \times (7 + 5) = (9 \times 7) + (9 \times 5)$   
C.  $9 \times (7 \times 5) = (9 \times 7) \times 5$   
D.  $9 \times 7 = 7 \times 9$

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

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

1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_  
6. \_\_\_\_\_  
7. \_\_\_\_\_  
8. \_\_\_\_\_  
9. \_\_\_\_\_  
10. \_\_\_\_\_  
11. \_\_\_\_\_  
12. \_\_\_\_\_