



Determine which choice best shows the commutative property of multiplication.

**Answers**

- 1) A.  $8 \times (6 \times 4) = (8 \times 6) \times 4$   
 B.  $1 \times 8 = 8$   
 C.  $8 \times (6 + 4) = (8 \times 6) + (8 \times 4)$   
 D.  $8 \times 6 = 6 \times 8$

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

- 3) A.  $0 \times 1 = 0$   
 B.  $(0 \times 6) \times 3 = 0 \times (6 \times 3)$   
 C.  $0 \times 6 = 6 \times 0$   
 D.  $(0 \times 6) + (0 \times 3) = 0 \times (6 + 3)$

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

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

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

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

- 8) A.  $10 \times 7 = 7 \times 10$   
 B.  $1 \times 10 = 10$   
 C.  $10 \times (7 \times 3) = (10 \times 7) \times 3$   
 D.  $10 \times (7 + 3) = (10 \times 7) + (10 \times 3)$

- 9) A.  $6 \times 3 = 3 \times 6$   
 B.  $6 \times (3 \times 10) = (6 \times 3) \times 10$   
 C.  $1 \times 6 = 6$   
 D.  $6 \times (3 + 10) = (6 \times 3) + (6 \times 10)$

- 10) A.  $(2 \times 8) \times 3 = 2 \times (8 \times 3)$   
 B.  $(2 \times 8) + (2 \times 3) = 2 \times (8 + 3)$   
 C.  $2 \times 8 = 8 \times 2$   
 D.  $2 \times 1 = 2$

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

- 12) A.  $(3 \times 8) \times 0 = 3 \times (8 \times 0)$   
 B.  $3 \times 1 = 3$   
 C.  $3 \times 8 = 8 \times 3$   
 D.  $(3 \times 8) + (3 \times 0) = 3 \times (8 + 0)$

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



Determine which choice best shows the commutative property of multiplication.

**Answers**

- 1) A.  $8 \times (6 \times 4) = (8 \times 6) \times 4$   
 B.  $1 \times 8 = 8$   
 C.  $8 \times (6 + 4) = (8 \times 6) + (8 \times 4)$   
 D.  $8 \times 6 = 6 \times 8$

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

- 3) A.  $0 \times 1 = 0$   
 B.  $(0 \times 6) \times 3 = 0 \times (6 \times 3)$   
 C.  $0 \times 6 = 6 \times 0$   
 D.  $(0 \times 6) + (0 \times 3) = 0 \times (6 + 3)$

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

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

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

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

- 8) A.  $10 \times 7 = 7 \times 10$   
 B.  $1 \times 10 = 10$   
 C.  $10 \times (7 \times 3) = (10 \times 7) \times 3$   
 D.  $10 \times (7 + 3) = (10 \times 7) + (10 \times 3)$

- 9) A.  $6 \times 3 = 3 \times 6$   
 B.  $6 \times (3 \times 10) = (6 \times 3) \times 10$   
 C.  $1 \times 6 = 6$   
 D.  $6 \times (3 + 10) = (6 \times 3) + (6 \times 10)$

- 10) A.  $(2 \times 8) \times 3 = 2 \times (8 \times 3)$   
 B.  $(2 \times 8) + (2 \times 3) = 2 \times (8 + 3)$   
 C.  $2 \times 8 = 8 \times 2$   
 D.  $2 \times 1 = 2$

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

- 12) A.  $(3 \times 8) \times 0 = 3 \times (8 \times 0)$   
 B.  $3 \times 1 = 3$   
 C.  $3 \times 8 = 8 \times 3$   
 D.  $(3 \times 8) + (3 \times 0) = 3 \times (8 + 0)$

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