



Determine which choice is an equivalent equation.

**Answers**

1) Which expression is equal to  $(1 \times 9) \times 10$

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

2) Which expression is equal to  $0 \times (7 \times 4)$

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

3) Which expression is equal to  $9 \times (0 \times 7)$

- A.  $9 \times (0 + 7)$
- B.  $(9 \times 0) \times 7$
- C.  $(9 + 0) \times 7$
- D.  $(9 + 0) + 7$

4) Which expression is equal to  $9 \times (1 \times 10)$

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

5) Which expression is equal to  $(1 \times 9) \times 10$

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

6) Which expression is equal to  $(4 \times 5) \times 2$

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

7) Which expression is equal to  $3 \times (5 \times 9)$

- A.  $(3 + 5) \times 9$
- B.  $3 + (5 + 9)$
- C.  $(3 \times 5) + 9$
- D.  $(3 \times 5) \times 9$

8) Which expression is equal to  $3 \times (6 \times 9)$

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

9) Which expression is equal to  $(8 \times 3) \times 1$

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

10) Which expression is equal to  $(6 \times 5) \times 3$

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

11) Which expression is equal to  $7 \times (4 \times 3)$

- A.  $7 \times (4 + 3)$
- B.  $7 + (4 + 3)$
- C.  $(7 \times 4) \times 3$
- D.  $7 + (4 \times 3)$

12) Which expression is equal to  $4 \times (1 \times 2)$

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

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



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