



**Determine which choice is an equivalent equation.**

**Answers**

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

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

2) Which expression is equal to  $(1 \times 6) \times 10$

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

3) Which expression is equal to  $(0 \times 1) \times 3$

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

4) Which expression is equal to  $(10 \times 3) \times 2$

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

5) Which expression is equal to  $10 \times (3 \times 2)$

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

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

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

7) Which expression is equal to  $(5 \times 1) \times 4$

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

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

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

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

- A.  $9 \times (7 \times 3)$
- B.  $9 + (7 + 3)$
- C.  $(9 + 7) + 3$
- D.  $9 \times (7 + 3)$

10) Which expression is equal to  $(7 \times 6) \times 8$

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

11) Which expression is equal to  $(7 \times 0) \times 1$

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

12) Which expression is equal to  $(8 \times 9) \times 10$

- A.  $8 \times (9 \times 10)$
- B.  $(8 + 9) + 10$
- C.  $(8 \times 9) + 10$
- D.  $(8 + 9) \times 10$

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



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1.   **A**  

2.   **A**  

3.   **D**  

4.   **A**  

5.   **C**  

6.   **B**  

7.   **A**  

8.   **B**  

9.   **A**  

10.   **B**  

11.   **A**  

12.   **A**