



Determine which choice is an equivalent equation.

**Answers**

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

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

2) Which expression is equal to  $7 \times (10 \times 0)$

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

3) Which expression is equal to  $7 \times (8 \times 3)$

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

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

- A.  $4 + (7 + 2)$
- B.  $(4 \times 7) + 2$
- C.  $(4 + 7) \times 2$
- D.  $(4 \times 7) \times 2$

5) Which expression is equal to  $(5 \times 8) \times 3$

- A.  $(5 + 8) + 3$
- B.  $(5 \times 8) + 3$
- C.  $5 \times (8 + 3)$
- D.  $5 \times (8 \times 3)$

6) Which expression is equal to  $8 \times (10 \times 5)$

- A.  $(8 + 10) + 5$
- B.  $8 + (10 \times 5)$
- C.  $(8 \times 10) \times 5$
- D.  $8 \times (10 + 5)$

7) Which expression is equal to  $(0 \times 10) \times 8$

- A.  $(0 + 10) + 8$
- B.  $0 + (10 \times 8)$
- C.  $0 \times (10 \times 8)$
- D.  $0 \times (10 + 8)$

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

- A.  $(10 \times 2) \times 4$
- B.  $(10 \times 2) + 4$
- C.  $(10 + 2) \times 4$
- D.  $10 + (2 + 4)$

9) Which expression is equal to  $0 \times (3 \times 4)$

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

10) Which expression is equal to  $9 \times (3 \times 10)$

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

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

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

12) Which expression is equal to  $3 \times (0 \times 6)$

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

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

2.   **A**  

3.   **D**  

4.   **D**  

5.   **D**  

6.   **C**  

7.   **C**  

8.   **A**  

9.   **A**  

10.   **A**  

11.   **C**  

12.   **B**