



Determine which choice is an equivalent equation.

**Answers**

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

- A.  $(4 \times 10) \times 9$
- B.  $4 + (10 \times 9)$
- C.  $(4 + 10) \times 9$
- D.  $(4 + 10) + 9$

2) Which expression is equal to  $4 \times (8 \times 5)$

- A.  $4 \times (8 + 5)$
- B.  $(4 + 8) + 5$
- C.  $(4 \times 8) \times 5$
- D.  $(4 \times 8) + 5$

3) Which expression is equal to  $10 \times (7 \times 9)$

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

4) Which expression is equal to  $(0 \times 5) \times 10$

- A.  $0 \times (5 \times 10)$
- B.  $(0 + 5) + 10$
- C.  $(0 + 5) \times 10$
- D.  $0 \times (5 + 10)$

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

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

6) Which expression is equal to  $(10 \times 1) \times 3$

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

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

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

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

9) Which expression is equal to  $6 \times (9 \times 2)$

- A.  $(6 + 9) + 2$
- B.  $(6 + 9) \times 2$
- C.  $6 \times (9 + 2)$
- D.  $(6 \times 9) \times 2$

10) Which expression is equal to  $(6 \times 9) \times 2$

- A.  $6 \times (9 \times 2)$
- B.  $(6 + 9) \times 2$
- C.  $6 + (9 + 2)$
- D.  $6 \times (9 + 2)$

11) Which expression is equal to  $7 \times (1 \times 8)$

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

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

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

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



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1.   **A**  

2.   **C**  

3.   **B**  

4.   **A**  

5.   **C**  

6.   **A**  

7.   **D**  

8.   **B**  

9.   **D**  

10.   **A**  

11.   **A**  

12.   **A**