



Determine which choice is an equivalent equation.

**Answers**

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

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

2) Which expression is equal to  $0 \times (10 \times 6)$

- A.  $(0 \times 10) \times 6$
- B.  $0 \times (10 + 6)$
- C.  $(0 + 10) \times 6$
- D.  $(0 \times 10) + 6$

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

- A.  $(2 \times 9) + 10$
- B.  $(2 \times 9) \times 10$
- C.  $(2 + 9) + 10$
- D.  $2 + (9 \times 10)$

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

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

5) Which expression is equal to  $9 \times (4 \times 2)$

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

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

- A.  $4 \times (6 \times 5)$
- B.  $4 + (6 + 5)$
- C.  $4 + (6 \times 5)$
- D.  $(4 + 6) \times 5$

7) Which expression is equal to  $(4 \times 1) \times 8$

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

8) Which expression is equal to  $(6 \times 4) \times 9$

- A.  $6 \times (4 \times 9)$
- B.  $(6 \times 4) + 9$
- C.  $(6 + 4) \times 9$
- D.  $6 \times (4 + 9)$

9) Which expression is equal to  $(6 \times 5) \times 1$

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

10) Which expression is equal to  $2 \times (6 \times 8)$

- A.  $(2 + 6) \times 8$
- B.  $(2 \times 6) \times 8$
- C.  $2 \times (6 + 8)$
- D.  $2 + (6 + 8)$

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

- A.  $(3 + 8) \times 9$
- B.  $(3 \times 8) + 9$
- C.  $3 \times (8 \times 9)$
- D.  $3 + (8 \times 9)$

12) Which expression is equal to  $3 \times (1 \times 2)$

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

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



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1.   **D**  

2.   **A**  

3.   **B**  

4.   **A**  

5.   **C**  

6.   **A**  

7.   **C**  

8.   **A**  

9.   **C**  

10.   **B**  

11.   **C**  

12.   **A**