



Determine which choice is an equivalent equation.

**Answers**

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

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

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

- A.  $3 + (2 + 9)$
- B.  $3 + (2 \times 9)$
- C.  $3 \times (2 \times 9)$
- D.  $3 \times (2 + 9)$

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

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

4) Which expression is equal to  $(4 \times 5) \times 3$

- A.  $(4 \times 5) + 3$
- B.  $4 + (5 + 3)$
- C.  $4 \times (5 + 3)$
- D.  $4 \times (5 \times 3)$

5) Which expression is equal to  $3 \times (5 \times 4)$

- A.  $3 + (5 + 4)$
- B.  $(3 + 5) + 4$
- C.  $(3 \times 5) \times 4$
- D.  $3 + (5 \times 4)$

6) Which expression is equal to  $3 \times (7 \times 1)$

- A.  $(3 + 7) \times 1$
- B.  $3 \times (7 + 1)$
- C.  $(3 \times 7) \times 1$
- D.  $(3 + 7) + 1$

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

- A.  $(4 \times 6) \times 2$
- B.  $(4 + 6) + 2$
- C.  $4 + (6 \times 2)$
- D.  $4 + (6 + 2)$

8) Which expression is equal to  $(6 \times 0) \times 5$

- A.  $(6 + 0) + 5$
- B.  $(6 + 0) \times 5$
- C.  $6 \times (0 \times 5)$
- D.  $6 \times (0 + 5)$

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

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

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

- A.  $10 + (3 + 7)$
- B.  $(10 + 3) \times 7$
- C.  $(10 \times 3) \times 7$
- D.  $10 + (3 \times 7)$

11) Which expression is equal to  $(5 \times 4) \times 3$

- A.  $5 \times (4 \times 3)$
- B.  $5 + (4 \times 3)$
- C.  $(5 \times 4) + 3$
- D.  $5 \times (4 + 3)$

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

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

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



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1.   **A**  

2.   **C**  

3.   **B**  

4.   **D**  

5.   **C**  

6.   **C**  

7.   **A**  

8.   **C**  

9.   **A**  

10.   **C**  

11.   **A**  

12.   **B**