



Determine which choice is an equivalent equation.

**Answers**

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

- A.  $(4 + 6) + 8$
- B.  $(4 + 6) \times 8$
- C.  $4 \times (6 \times 8)$
- D.  $4 + (6 \times 8)$

2) Which expression is equal to  $(7 \times 3) \times 2$

- A.  $(7 + 3) \times 2$
- B.  $7 \times (3 + 2)$
- C.  $7 \times (3 \times 2)$
- D.  $7 + (3 + 2)$

3) Which expression is equal to  $8 \times (6 \times 1)$

- A.  $(8 \times 6) \times 1$
- B.  $(8 \times 6) + 1$
- C.  $(8 + 6) + 1$
- D.  $8 + (6 \times 1)$

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

- A.  $(10 + 2) \times 7$
- B.  $10 \times (2 \times 7)$
- C.  $10 + (2 + 7)$
- D.  $(10 \times 2) + 7$

5) Which expression is equal to  $7 \times (0 \times 5)$

- A.  $(7 \times 0) \times 5$
- B.  $7 + (0 \times 5)$
- C.  $(7 + 0) \times 5$
- D.  $7 + (0 + 5)$

6) Which expression is equal to  $(7 \times 0) \times 6$

- A.  $(7 + 0) + 6$
- B.  $7 \times (0 + 6)$
- C.  $7 \times (0 \times 6)$
- D.  $(7 \times 0) + 6$

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

- A.  $1 \times (3 \times 9)$
- B.  $1 + (3 \times 9)$
- C.  $(1 + 3) \times 9$
- D.  $(1 \times 3) + 9$

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

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

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

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

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

- A.  $(1 \times 8) \times 5$
- B.  $1 \times (8 + 5)$
- C.  $(1 + 8) \times 5$
- D.  $1 + (8 \times 5)$

11) Which expression is equal to  $2 \times (7 \times 1)$

- A.  $(2 + 7) + 1$
- B.  $(2 \times 7) \times 1$
- C.  $2 + (7 + 1)$
- D.  $(2 \times 7) + 1$

12) Which expression is equal to  $(7 \times 5) \times 10$

- A.  $7 + (5 + 10)$
- B.  $7 \times (5 + 10)$
- C.  $7 \times (5 \times 10)$
- D.  $(7 + 5) + 10$

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



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1.     **C**    

2.     **C**    

3.     **A**    

4.     **B**    

5.     **A**    

6.     **C**    

7.     **A**    

8.     **C**    

9.     **A**    

10.     **A**    

11.     **B**    

12.     **C**