



**Determine which choice is not an equivalent equation.**

**Answers**

1) Which expression is not equal to  $(6 \times 4) \times 10$

- A.  $6 \times 36$
- B.  $24 \times 10$
- C.  $6 \times (4 \times 10)$
- D.  $6 \times 40$

2) Which expression is not equal to  $(8 \times 2) \times 10$

- A.  $16 \times 10$
- B.  $8 \times 20$
- C.  $8 \times (2 \times 10)$
- D.  $8 + (2 \times 10)$

3) Which expression is not equal to  $3 \times (9 \times 10)$

- A.  $(3 \times 9) \times 10$
- B.  $27 \times 10$
- C.  $18 \times 10$
- D.  $3 \times 90$

4) Which expression is not equal to  $4 \times (2 \times 7)$

- A.  $(4 \times 2) \times 7$
- B.  $4 \times 14$
- C.  $8 \times 7$
- D.  $6 \times 7$

5) Which expression is not equal to  $10 \times (4 \times 5)$

- A.  $10 \times 20$
- B.  $44 \times 5$
- C.  $(10 \times 4) \times 5$
- D.  $40 \times 5$

6) Which expression is not equal to  $10 \times (9 \times 5)$

- A.  $90 \times 5$
- B.  $(10 \times 9) \times 5$
- C.  $(10 + 9) \times 5$
- D.  $10 \times 45$

7) Which expression is not equal to  $(6 \times 3) \times 5$

- A.  $6 \times (3 \times 5)$
- B.  $6 \times 15$
- C.  $15 \times 5$
- D.  $18 \times 5$

8) Which expression is not equal to  $(7 \times 5) \times 9$

- A.  $35 \times 9$
- B.  $7 \times (5 \times 9)$
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9) Which expression is not equal to  $4 \times (9 \times 2)$

- A.  $(4 \times 9) \times 2$
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10) Which expression is not equal to  $3 \times (10 \times 7)$

- A.  $(3 \times 10) \times 7$
- B.  $30 \times 7$
- C.  $3 \times 70$
- D.  $20 \times 7$

11) Which expression is not equal to  $(6 \times 7) \times 8$

- A.  $42 \times 8$
- B.  $6 \times (7 \times 8)$
- C.  $6 \times 56$
- D.  $6 + (7 \times 8)$

12) Which expression is not equal to  $(2 \times 8) \times 4$

- A.  $2 + (8 \times 4)$
- B.  $2 \times 32$
- C.  $2 \times (8 \times 4)$
- D.  $16 \times 4$

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