



Determine which choice is not an equivalent equation.

**Answers**

- 1) Which expression is not equal to  $(8 \times 4) \times 3$   
 A.  $8 + (4 \times 3)$   
 B.  $32 \times 3$   
 C.  $8 \times 12$   
 D.  $8 \times (4 \times 3)$

- 2) Which expression is not equal to  $(9 \times 6) \times 8$   
 A.  $9 \times (6 \times 8)$   
 B.  $54 \times 8$   
 C.  $9 \times 48$   
 D.  $9 \times 54$

- 3) Which expression is not equal to  $7 \times (8 \times 10)$   
 A.  $(7 \times 8) \times 10$   
 B.  $48 \times 10$   
 C.  $56 \times 10$   
 D.  $7 \times 80$

- 4) Which expression is not equal to  $(7 \times 4) \times 9$   
 A.  $7 \times (4 \times 9)$   
 B.  $7 + (4 \times 9)$   
 C.  $7 \times 36$   
 D.  $28 \times 9$

- 5) Which expression is not equal to  $3 \times (4 \times 5)$   
 A.  $(3 \times 4) \times 5$   
 B.  $3 \times 20$   
 C.  $3 \times 16$   
 D.  $12 \times 5$

- 6) Which expression is not equal to  $(10 \times 6) \times 8$   
 A.  $10 + (6 \times 8)$   
 B.  $10 \times (6 \times 8)$   
 C.  $60 \times 8$   
 D.  $10 \times 48$

- 7) Which expression is not equal to  $(8 \times 5) \times 10$   
 A.  $8 \times (5 \times 10)$   
 B.  $8 + (5 \times 10)$   
 C.  $8 \times 50$   
 D.  $40 \times 10$

- 8) Which expression is not equal to  $(2 \times 5) \times 8$   
 A.  $2 + (5 \times 8)$   
 B.  $10 \times 8$   
 C.  $2 \times 40$   
 D.  $2 \times (5 \times 8)$

- 9) Which expression is not equal to  $10 \times (7 \times 9)$   
 A.  $63 \times 9$   
 B.  $(10 \times 7) \times 9$   
 C.  $70 \times 9$   
 D.  $10 \times 63$

- 10) Which expression is not equal to  $3 \times (10 \times 6)$   
 A.  $(3 \times 10) \times 6$   
 B.  $3 \times 60$   
 C.  $3 \times 70$   
 D.  $30 \times 6$

- 11) Which expression is not equal to  $5 \times (9 \times 10)$   
 A.  $5 \times 90$   
 B.  $(5 \times 9) \times 10$   
 C.  $(5 + 9) \times 10$   
 D.  $45 \times 10$

- 12) Which expression is not equal to  $(4 \times 3) \times 2$   
 A.  $4 \times 3$   
 B.  $4 \times 6$   
 C.  $12 \times 2$   
 D.  $4 \times (3 \times 2)$

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