

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

- 1) Which expression is not equal to

$7 \times (10 \times 5)$

A.  $(7 \times 10) \times 5$

B.  $7 \times 60$

C.  $70 \times 5$

D.  $7 \times 50$

- 2) Which expression is not equal to

$8 \times (9 \times 7)$

A.  $72 \times 7$

B.  $8 \times 72$

C.  $(8 \times 9) \times 7$

D.  $8 \times 63$

- 3) Which expression is not equal to

$3 \times (4 \times 8)$

A.  $(3 \times 4) \times 8$

B.  $3 \times 32$

C.  $12 \times 8$

D.  $8 \times 8$

- 4) Which expression is not equal to

$(6 \times 8) \times 4$

A.  $48 \times 4$

B.  $6 \times (8 \times 4)$

C.  $6 \times 32$

D.  $6 + (8 \times 4)$

- 5) Which expression is not equal to

$7 \times (2 \times 8)$

A.  $(7 \times 2) \times 8$

B.  $7 \times 16$

C.  $14 \times 8$

D.  $12 \times 8$

- 6) Which expression is not equal to

$(4 \times 9) \times 8$

A.  $4 \times (9 \times 8)$

B.  $36 \times 8$

C.  $4 \times 72$

D.  $4 + (9 \times 8)$

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A.  $63 \times 8$

B.  $7 \times (9 \times 8)$

C.  $54 \times 8$

D.  $7 \times 72$

- 8) Which expression is not equal to

$(2 \times 6) \times 7$

A.  $12 \times 7$

B.  $2 \times 42$

C.  $18 \times 7$

D.  $2 \times (6 \times 7)$

- 9) Which expression is not equal to

$(8 \times 4) \times 2$

A.  $36 \times 2$

B.  $32 \times 2$

C.  $8 \times 8$

D.  $8 \times (4 \times 2)$

- 10) Which expression is not equal to

$(4 \times 3) \times 5$

A.  $12 \times 5$

B.  $9 \times 5$

C.  $4 \times 15$

D.  $4 \times (3 \times 5)$

- 11) Which expression is not equal to

$(8 \times 7) \times 10$

A.  $8 + (7 \times 10)$

B.  $8 \times 70$

C.  $56 \times 10$

D.  $8 \times (7 \times 10)$

- 12) Which expression is not equal to

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A.  $(6 + 5) \times 10$

B.  $30 \times 10$

C.  $(6 \times 5) \times 10$

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1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

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