

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

- 1) Which expression is not equal to

$4 \times (2 \times 10)$

A.  $10 \times 10$

B.  $(4 \times 2) \times 10$

C.  $8 \times 10$

D.  $4 \times 20$

- 2) Which expression is not equal to

$(2 \times 3) \times 4$

A.  $2 \times (3 \times 4)$

B.  $6 \times 4$

C.  $2 \times 9$

D.  $2 \times 12$

- 3) Which expression is not equal to

$8 \times (9 \times 7)$

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

B.  $72 \times 7$

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

D.  $8 \times 63$

- 4) Which expression is not equal to

$9 \times (7 \times 3)$

A.  $(9 \times 7) \times 3$

B.  $63 \times 3$

C.  $(9 + 7) \times 3$

D.  $9 \times 21$

- 5) Which expression is not equal to

$4 \times (6 \times 2)$

A.  $4 \times 18$

B.  $(4 \times 6) \times 2$

C.  $4 \times 12$

D.  $24 \times 2$

- 6) Which expression is not equal to

$3 \times (9 \times 6)$

A.  $27 \times 6$

B.  $3 \times 54$

C.  $(3 \times 9) \times 6$

D.  $(3 + 9) \times 6$

- 7) Which expression is not equal to

$(5 \times 8) \times 6$

A.  $5 \times 48$

B.  $32 \times 6$

C.  $5 \times (8 \times 6)$

D.  $40 \times 6$

- 8) Which expression is not equal to

$(6 \times 5) \times 7$

A.  $6 \times 40$

B.  $6 \times 35$

C.  $6 \times (5 \times 7)$

D.  $30 \times 7$

- 9) Which expression is not equal to

$4 \times (6 \times 9)$

A.  $(4 + 6) \times 9$

B.  $(4 \times 6) \times 9$

C.  $24 \times 9$

D.  $4 \times 54$

- 10) Which expression is not equal to

$5 \times (6 \times 10)$

A.  $30 \times 10$

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

C.  $5 \times 60$

D.  $36 \times 10$

- 11) Which expression is not equal to

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A.  $8 \times 21$

B.  $49 \times 3$

C.  $56 \times 3$

D.  $(8 \times 7) \times 3$

- 12) Which expression is not equal to

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A.  $4 \times 12$

B.  $4 \times (2 \times 7)$

C.  $8 \times 7$

D.  $4 \times 14$

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

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

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

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

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

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

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

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

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

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

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A.  $4 \times 12$   
B.  $4 \times (2 \times 7)$   
C.  $8 \times 7$   
D.  $4 \times 14$

- |     |          |
|-----|----------|
| 1.  | <b>A</b> |
| 2.  | <b>C</b> |
| 3.  | <b>C</b> |
| 4.  | <b>C</b> |
| 5.  | <b>A</b> |
| 6.  | <b>D</b> |
| 7.  | <b>B</b> |
| 8.  | <b>A</b> |
| 9.  | <b>A</b> |
| 10. | <b>D</b> |
| 11. | <b>B</b> |
| 12. | <b>A</b> |