

Determine which choice is not an equivalent equation.

- 1) Which expression is not equal to $2 \times (8 \times 4)$
 - $A. 2 \times 40$
 - B. 16×4
 - $C.2 \times 32$
 - D. $(2 \times 8) \times 4$
- 3) Which expression is not equal to $5 \times (4 \times 10)$
 - A. 24×10
 - B. $(5 \times 4) \times 10$
 - $C.20 \times 10$
 - D. 5×40
- 5) Which expression is not equal to $(5 \times 4) \times 10$
 - A. 5×40
 - B. $5 + (4 \times 10)$
 - C. $5 \times (4 \times 10)$
 - D. 20×10
- 7) Which expression is not equal to $(5 \times 6) \times 3$
 - $(3\times0)\times3$
 - A. $5 \times (6 \times 3)$
 - $B.5 \times 18$
 - C. 30×3
 - D. $5 + (6 \times 3)$
- 9) Which expression is not equal to

$$(6 \times 3) \times 4$$

- A. 6×12
- B. 18×4
- C. $6 \times (3 \times 4)$
- D. $6 + (3 \times 4)$
- 11) Which expression is not equal to

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

- $A.4 \times 6$
- $B.8 \times 3$
- C. $4 + (2 \times 3)$
- D. $4 \times (2 \times 3)$

- 2) Which expression is not equal to
 - $(4 \times 9) \times 6$
 - A. $4 + (9 \times 6)$
 - B. $4 \times (9 \times 6)$
 - $C.36 \times 6$
 - D. 4×54
- 4) Which expression is not equal to

$$(5\times3)\times8$$

- A. $5 + (3 \times 8)$
- B. $5 \times (3 \times 8)$
- C. 5×24
- D. 15×8
- 6) Which expression is not equal to $(10 \times 8) \times 3$
 - A. 80×3
 - B. 10×24
 - C. $10 \times (8 \times 3)$
 - D. $10 + (8 \times 3)$
- **8)** Which expression is not equal to

$$(7 \times 6) \times 8$$

- A. 48×8
- B. 7×48
- $C.42 \times 8$
- D. $7 \times (6 \times 8)$
- 10) Which expression is not equal to

$$3 \times (8 \times 2)$$

- A. $(3+8) \times 2$
- B. 24×2
- C. $(3 \times 8) \times 2$
- D. 3×16
- 12) Which expression is not equal to

$$(10 \times 4) \times 3$$

- A. 40×3
- B. $10 \times (4 \times 3)$
- C. 10×16
- D. 10×12



- 1. _____
- - 3.
 - 4. _____
 - 5. _____
- 6.
- 7. _____
 - 3. _____
- 9. _____
- 10. ____
- 11. _____
- 12. _____



Answer Key

Determine which choice is not an equivalent equation.

- 1) Which expression is not equal to $2 \times (8 \times 4)$
 - $A. 2 \times 40$
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 - $C.2 \times 32$
 - D. $(2 \times 8) \times 4$
- 3) Which expression is not equal to $5 \times (4 \times 10)$
 - A. 24×10
 - B. $(5 \times 4) \times 10$
 - $C.20 \times 10$
 - D. 5×40
- 5) Which expression is not equal to $(5 \times 4) \times 10$
 - A. 5×40
 - B. $5 + (4 \times 10)$
 - C. $5 \times (4 \times 10)$
 - D. 20×10
- 7) Which expression is not equal to $(5 \times 6) \times 3$
 - $(3 \times 0) \times 3$
 - A. $5 \times (6 \times 3)$
 - B. 5×18
 - C. 30×3
 - D. $5 + (6 \times 3)$
- 9) Which expression is not equal to

$$(6 \times 3) \times 4$$

- A. 6×12
- B. 18×4
- C. $6 \times (3 \times 4)$
- D. $6 + (3 \times 4)$
- 11) Which expression is not equal to

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

- $A.4 \times 6$
- $B.8 \times 3$
- C. $4 + (2 \times 3)$
- D. $4 \times (2 \times 3)$

2) Which expression is not equal to

Name:

- $(4 \times 9) \times 6$
- A. $4 + (9 \times 6)$
- B. $4 \times (9 \times 6)$
- C. 36×6
- D. 4×54
- 4) Which expression is not equal to

$$(5 \times 3) \times 8$$

- A. $5 + (3 \times 8)$
- B. $5 \times (3 \times 8)$
- C. 5×24
- D. 15×8
- 6) Which expression is not equal to $(10 \times 8) \times 3$
 - $A.80 \times 3$
 - B. 10×24
 - C. $10 \times (8 \times 3)$
 - D. $10 + (8 \times 3)$
- **8)** Which expression is not equal to

$$(7 \times 6) \times 8$$

- A. 48×8
- B. 7×48
- $C.42 \times 8$
- D. $7 \times (6 \times 8)$
- 10) Which expression is not equal to

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- A. $(3+8) \times 2$
- B. 24×2
- C. $(3 \times 8) \times 2$
- $D.3 \times 16$
- 12) Which expression is not equal to

$$(10 \times 4) \times 3$$

- A. 40×3
- B. $10 \times (4 \times 3)$
- $C. 10 \times 16$
- D. 10×12

Answers

- 1. **A**
- 2 **A**
- 3. **A**
- . <u>A</u>
- **B**
- 6. **D**
- 7. **D**
- 3. **A**
- 9. **D**
- \mathbf{A}_{0}
- 1. **C**
- 12. **C**