

## Determine which choice is not an equivalent equation.

- 1) Which expression is not equal to  $5 \times (3 \times 6)$ 
  - A.  $15 \times 6$
  - B.  $5 \times 18$
  - C.  $(5 \times 3) \times 6$
  - D.  $(5+3) \times 6$
- 3) Which expression is not equal to  $2 \times (10 \times 8)$

$$3 \times (10 \times 8)$$

- A. ( $3 \times 10$ )  $\times 8$
- B.  $30 \times 8$
- $C.3 \times 80$
- D.  $3 \times 70$
- 5) Which expression is not equal to

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

- A.  $8 \times 21$
- B.  $56 \times 3$
- $C.49 \times 3$
- D.  $8 \times (7 \times 3)$
- 7) Which expression is not equal to

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

- A.  $3 \times (4 \times 2)$
- $B.3 \times 8$
- C.  $12 \times 2$
- D.  $3 \times 4$
- 9) Which expression is not equal to

$$9 \times (2 \times 3)$$

A. (9+2) 
$$\times$$
 3

- B.  $18 \times 3$
- $C.9 \times 6$
- D.  $(9 \times 2) \times 3$
- 11) Which expression is not equal to

$$7 \times (5 \times 4)$$

- A.  $40 \times 4$
- $B.7 \times 20$
- C.  $(7 \times 5) \times 4$
- D.  $35 \times 4$

2) Which expression is not equal to

$$(7 \times 5) \times 8$$

- A.  $7 \times (5 \times 8)$
- B.  $7 + (5 \times 8)$
- C.  $35 \times 8$
- D.  $7 \times 40$
- 4) Which expression is not equal to

$$7 \times (5 \times 3)$$

- A.  $7 \times 20$
- B.  $7 \times 15$
- C.  $(7 \times 5) \times 3$
- D.  $35 \times 3$
- 6) Which expression is not equal to

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

- A.  $(6+7) \times 8$
- B.  $6 \times 56$
- $C.42 \times 8$
- D.  $(6 \times 7) \times 8$
- **8)** Which expression is not equal to

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

- A.  $30 \times 7$
- B.  $6 \times 35$
- C.  $(6 \times 5) \times 7$
- D.  $35 \times 7$
- **10**) Which expression is not equal to

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

- A.  $3 + (7 \times 8)$
- B.  $3 \times (7 \times 8)$
- C.  $21 \times 8$
- D.  $3 \times 56$
- 12) Which expression is not equal to

$$7 \times (9 \times 2)$$

- A.  $63 \times 2$
- $B.72 \times 2$
- C.  $(7 \times 9) \times 2$
- D.  $7 \times 18$

- 1. \_\_\_\_\_
- - 3.
  - 4. \_\_\_\_\_
  - 5. \_\_\_\_\_
- 6.
- 7. \_\_\_\_\_
- 8
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_



## **Answer Key**

## Determine which choice is not an equivalent equation.

- 1) Which expression is not equal to  $5 \times (3 \times 6)$ 
  - A.  $15 \times 6$
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  - A.  $(9+2) \times 3$
  - B.  $18 \times 3$
  - $C.9 \times 6$
  - D. (  $9 \times 2$  )  $\times 3$
- 11) Which expression is not equal to

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2) Which expression is not equal to

Name:

- $(7 \times 5) \times 8$
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- D.  $7 \times 40$
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- D.  $(6 \times 7) \times 8$
- **8)** Which expression is not equal to

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- B.  $6 \times 35$
- C.  $(6 \times 5) \times 7$
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- **10**) Which expression is not equal to

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- A.  $3 + (7 \times 8)$
- B.  $3 \times (7 \times 8)$
- C.  $21 \times 8$
- D.  $3 \times 56$
- 12) Which expression is not equal to

$$7 \times (9 \times 2)$$

- A.  $63 \times 2$
- $B.72 \times 2$
- C.  $(7 \times 9) \times 2$
- D.  $7 \times 18$

- **Answers**
- 1. **D**
- 2. **B**
- 3. **D**
- <sub>4.</sub> \_\_\_\_\_\_\_
- 5. **C**
- 6. **A**
- 7. **D**
- 3. **D**
- 9. **A** 
  - .0. **A**
  - 11. **A**
- 12. **B**