

Determine which choice is not an equivalent equation.

- 1) Which expression is not equal to $4 \times (2 \times 10)$
 - A. 10×10
 - B. $(4 \times 2) \times 10$
 - $C.8 \times 10$
 - D. 4×20
- 3) Which expression is not equal to
 - $8 \times (9 \times 7)$
 - A. $(8 \times 9) \times 7$
 - B. 72×7
 - C. $(8+9) \times 7$
 - D. 8×63
- 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. 24×2
- 7) Which expression is not equal to $(5 \times 8) \times 6$
 - $(5 \times 8) \times 6$
 - $A.5 \times 48$
 - B. 32×6
 - $C.5 \times (8 \times 6)$
 - D. 40×6
- **9**) Which expression is not equal to
 - $4 \times (6 \times 9)$
 - A. $(4+6) \times 9$
 - B. $(4 \times 6) \times 9$
 - C. 24×9
 - D. 4×54
- 11) Which expression is not equal to
 - $8 \times (7 \times 3)$
 - A. 8×21
 - $B.49 \times 3$
 - C. 56×3
 - D. $(8 \times 7) \times 3$

- 2) Which expression is not equal to
 - $(2 \times 3) \times 4$
 - A. $2 \times (3 \times 4)$
 - B. 6×4
 - $C.2 \times 9$
 - D. 2×12
- 4) Which expression is not equal to
 - $9 \times (7 \times 3)$
 - A. $(9 \times 7) \times 3$
 - B. 63×3
 - C. $(9+7) \times 3$
 - $D.9 \times 21$
- 6) Which expression is not equal to
 - $3 \times (9 \times 6)$
 - A. 27×6
 - B. 3×54
 - C. $(3 \times 9) \times 6$
 - D. $(3+9) \times 6$
- 8) Which expression is not equal to
 - $(6 \times 5) \times 7$
 - A. 6×40
 - B. 6×35
 - C. $6 \times (5 \times 7)$
 - D. 30×7
- **10**) Which expression is not equal to
 - $5 \times (6 \times 10)$
 - A. 30×10
 - B. $(5 \times 6) \times 10$
 - C. 5×60
 - D. 36×10
- 12) Which expression is not equal to
 - $(4 \times 2) \times 7$
 - A. 4×12
 - 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. _____



Answer Key

Determine which choice is not an equivalent equation.

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- A. 10×10
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- 3) Which expression is not equal to (0.07)
 - $8 \times (9 \times 7)$
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 - $D.9 \times 21$
- 6) Which expression is not equal to
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 - A. 27×6
 - $B.3 \times 54$
 - C. $(3 \times 9) \times 6$
 - D. $(3+9) \times 6$
- 8) Which expression is not equal to
 - $(6 \times 5) \times 7$
 - A. 6×40
 - B. 6×35
 - C. $6 \times (5 \times 7)$
 - D. 30×7
- **10**) Which expression is not equal to
 - $5 \times (6 \times 10)$
 - A. 30×10
 - B. (5×6) × 10
 - C. 5×60
 - D. 36×10
- **12**) Which expression is not equal to
 - $(4 \times 2) \times 7$
 - A. 4×12
 - B. $4 \times (2 \times 7)$
 - C. 8×7
 - $D.4 \times 14$

- 1. **A**
- 2. **C**
- 3. **C**
- 5. **A**
- 5. **D**
- 7. **B**
- 8. **A**
- 9. **A**
- 0. **D**
- 11. **B**
- 12. **A**