



Finding Associative Property

Name: _____

Determine which choice is not an equivalent equation.

Answers

1) Which expression is not equal to $(8 \times 10) \times 9$
 A. 8×90
 B. 70×9
 C. $8 \times (10 \times 9)$
 D. 80×9

2) Which expression is not equal to $(8 \times 9) \times 3$
 A. 72×3
 B. $8 \times (9 \times 3)$
 C. 8×27
 D. 81×3

3) Which expression is not equal to $(7 \times 6) \times 3$
 A. 42×3
 B. 7×18
 C. $7 \times (6 \times 3)$
 D. $7 + (6 \times 3)$

4) Which expression is not equal to $9 \times (5 \times 7)$
 A. 40×7
 B. 9×35
 C. 45×7
 D. $(9 \times 5) \times 7$

5) Which expression is not equal to $10 \times (8 \times 2)$
 A. 80×2
 B. 10×24
 C. 10×16
 D. $(10 \times 8) \times 2$

6) Which expression is not equal to $8 \times (2 \times 9)$
 A. 18×9
 B. 8×18
 C. 16×9
 D. $(8 \times 2) \times 9$

7) Which expression is not equal to $(6 \times 10) \times 4$
 A. 50×4
 B. 60×4
 C. $6 \times (10 \times 4)$
 D. 6×40

8) Which expression is not equal to $8 \times (2 \times 4)$
 A. 16×4
 B. 14×4
 C. 8×8
 D. $(8 \times 2) \times 4$

9) Which expression is not equal to $6 \times (4 \times 3)$
 A. 6×12
 B. $(6 \times 4) \times 3$
 C. 28×3
 D. 24×3

10) Which expression is not equal to $(6 \times 10) \times 2$
 A. 6×20
 B. 60×2
 C. 6×10
 D. $6 \times (10 \times 2)$

11) Which expression is not equal to $5 \times (3 \times 9)$
 A. 5×24
 B. 15×9
 C. 5×27
 D. $(5 \times 3) \times 9$

12) Which expression is not equal to $(10 \times 8) \times 9$
 A. $10 + (8 \times 9)$
 B. 80×9
 C. 10×72
 D. $10 \times (8 \times 9)$

1. _____

2. _____

3. _____

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C. 10×72
D. $10 \times (8 \times 9)$

Answers1. **B**2. **D**3. **D**4. **A**5. **B**6. **A**7. **A**8. **B**9. **C**10. **C**11. **A**12. **A**