



Finding Associative Property

Name: _____

Determine which choice is not an equivalent equation.

Answers

1) Which expression is not equal to $4 \times (10 \times 9)$

- A. $(4 + 10) \times 9$
- B. 4×90
- C. 40×9
- D. $(4 \times 10) \times 9$

2) Which expression is not equal to $(9 \times 6) \times 10$

- A. $9 \times (6 \times 10)$
- B. 9×60
- C. $9 + (6 \times 10)$
- D. 54×10

1. _____

3) Which expression is not equal to $(2 \times 7) \times 9$

- A. 14×9
- B. $2 + (7 \times 9)$
- C. 2×63
- D. $2 \times (7 \times 9)$

4) Which expression is not equal to $(6 \times 5) \times 3$

- A. 6×15
- B. 35×3
- C. 30×3
- D. $6 \times (5 \times 3)$

2. _____

3. _____

4. _____

5) Which expression is not equal to $(9 \times 5) \times 6$

- A. 45×6
- B. 9×35
- C. $9 \times (5 \times 6)$
- D. 9×30

6) Which expression is not equal to $(6 \times 7) \times 2$

- A. 6×14
- B. 42×2
- C. 35×2
- D. $6 \times (7 \times 2)$

5. _____

6. _____

7. _____

7) Which expression is not equal to $(3 \times 10) \times 8$

- A. 40×8
- B. $3 \times (10 \times 8)$
- C. 3×80
- D. 30×8

8) Which expression is not equal to $(6 \times 10) \times 5$

- A. $6 + (10 \times 5)$
- B. 60×5
- C. 6×50
- D. $6 \times (10 \times 5)$

8. _____

9. _____

10. _____

9) Which expression is not equal to $3 \times (6 \times 10)$

- A. 3×66
- B. 18×10
- C. 3×60
- D. $(3 \times 6) \times 10$

10) Which expression is not equal to $(3 \times 6) \times 7$

- A. $3 \times (6 \times 7)$
- B. 3×42
- C. 18×7
- D. 24×7

11. _____

12. _____

11) Which expression is not equal to $(6 \times 7) \times 10$

- A. 6×70
- B. 42×10
- C. $6 + (7 \times 10)$
- D. $6 \times (7 \times 10)$

12) Which expression is not equal to $6 \times (3 \times 7)$

- A. 18×7
- B. 15×7
- C. 6×21
- D. $(6 \times 3) \times 7$



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12) Which expression is not equal to $6 \times (3 \times 7)$

- A. 18×7
- B. 15×7
- C. 6×21
- D. $(6 \times 3) \times 7$

Answers

1. **A**

2. **C**

3. **B**

4. **B**

5. **B**

6. **C**

7. **A**

8. **A**

9. **A**

10. **D**

11. **C**

12. **B**