Determine which choice is not an equivalent equation.

Answers

1) Which expression is not equal to
(8 × 10) × 9

A. 8 × 100
B. 80 × 9
C. 8 × (10 × 9)
D. 8 × 90

2) Which expression is not equal to
7 × (9 × 6)

A. (7 × 9) × 6
B. 54 × 6
C. 63 × 6
D. 7 × 54

3) Which expression is not equal to
(5 × 7) × 9

A. 28 × 9
B. 35 × 9
C. 5 × (7 × 9)
D. 5 × 63

4) Which expression is not equal to
(5 × 8) × 4

A. 5 × (8 × 4)
B. 5 × 32
C. 5 × 24
D. 40 × 4

5) Which expression is not equal to
(4 × 9) × 6

A. 4 × 54
B. 36 × 6
C. 4 × 45
D. 4 × (9 × 6)

6) Which expression is not equal to
(7 × 2) × 4

A. 7 × 8
B. 14 × 4
C. 7 × 10
D. 7 × (2 × 4)

7) Which expression is not equal to
(10 × 4) × 2

A. 10 × (4 × 2)
B. 10 × 12
C. 40 × 2
D. 10 × 8

8) Which expression is not equal to
2 × (3 × 5)

A. (2 + 3) × 5
B. 2 × 15
C. (2 × 3) × 5
D. 6 × 5

9) Which expression is not equal to
(10 × 3) × 6

A. 30 × 6
B. 33 × 6
C. 10 × (3 × 6)
D. 10 × 18

10) Which expression is not equal to
(8 × 5) × 3

A. 8 × 20
B. 8 × (5 × 3)
C. 40 × 3
D. 8 × 15

11) Which expression is not equal to
(10 × 6) × 7

A. 10 × (6 × 7)
B. 10 × 48
C. 10 × 42
D. 60 × 7

12) Which expression is not equal to
(8 × 3) × 7

A. 8 × (3 × 7)
B. 24 × 7
C. 8 × 21
D. 8 + (3 × 7)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

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