Name:

Determine which choice is not an equivalent equation.

1) Which expression is not equal to
(8 × 7) × 10

A. 8 × (7 × 10)
B. 8 × 70
C. 8 × 77
D. 56 × 10

2) Which expression is not equal to
5 × (7 × 2)

A. 5 × 7
B. (5 × 7) × 2
C. 35 × 2
D. 5 × 14

3) Which expression is not equal to
8 × (6 × 10)

A. 48 × 10
B. (8 + 6) × 10
C. (8 × 6) × 10
D. 8 × 60

4) Which expression is not equal to
3 × (8 × 9)

A. 24 × 9
B. (3 × 8) × 9
C. 3 × 72
D. 3 × 64

5) Which expression is not equal to
(6 × 3) × 7

A. 6 × 21
B. 18 × 7
C. 6 × (3 × 7)
D. 21 × 7

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

A. 9 × 30
B. 48 × 5
C. 54 × 5
D. 9 × (6 × 5)

7) Which expression is not equal to
(10 × 8) × 7

A. 80 × 7
B. 10 × (8 × 7)
C. 10 × 56
D. 10 × 48

8) Which expression is not equal to
8 × (4 × 2)

A. 32 × 2
B. 28 × 2
C. 8 × 8
D. (8 × 4) × 2

9) Which expression is not equal to
2 × (10 × 3)

A. 2 × 30
B. 20 × 3
C. (2 × 10) × 3
D. (2 + 10) × 3

10) Which expression is not equal to
(3 × 4) × 8

A. 12 × 8
B. 3 × (4 × 8)
C. 3 × 32
D. 3 × 28

11) Which expression is not equal to
(10 × 9) × 2

A. 90 × 2
B. 81 × 2
C. 10 × 18
D. 10 × (9 × 2)

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

A. (8 × 10) × 3
B. 80 × 3
C. 8 × 20
D. 8 × 30

1. _____
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3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
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1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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Answers

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

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