Determine which choice is not an equivalent equation.

1) Which expression is not equal to
$2 \times (3 \times 6)$
A. 2×18
B. $(2 + 3) \times 6$
C. 6×6
D. $(2 \times 3) \times 6$

2) Which expression is not equal to
$(2 \times 8) \times 4$
A. 2×32
B. 2×24
C. $2 \times (8 \times 4)$
D. 16×4

3) Which expression is not equal to
$(3 \times 2) \times 5$
A. 3×10
B. $3 \times (2 \times 5)$
C. 6×5
D. 3×8

4) Which expression is not equal to
$(10 \times 3) \times 4$
A. 30×4
B. 10×12
C. $10 \times (3 \times 4)$
D. 27×4

5) Which expression is not equal to
$(9 \times 4) \times 7$
A. 9×28
B. 32×7
C. $9 \times (4 \times 7)$
D. 36×7

6) Which expression is not equal to
$8 \times (6 \times 3)$
A. 48×3
B. $(8 \times 6) \times 3$
C. 8×18
D. $(8 + 6) \times 3$

7) Which expression is not equal to
$(10 \times 4) \times 8$
A. 10×36
B. 40×8
C. $10 \times (4 \times 8)$
D. 10×32

8) Which expression is not equal to
$(3 \times 9) \times 10$
A. $3 \times (9 \times 10)$
B. 18×10
C. 27×10
D. 3×90

9) Which expression is not equal to
$10 \times (6 \times 2)$
A. 10×12
B. 60×2
C. $(10 \times 6) \times 2$
D. 54×2

10) Which expression is not equal to
$9 \times (5 \times 6)$
A. 45×6
B. 9×30
C. $(9 \times 5) \times 6$
D. $(9 + 5) \times 6$

11) Which expression is not equal to
$(6 \times 5) \times 8$
A. $6 \times (5 \times 8)$
B. 6×40
C. 30×8
D. $6 + (5 \times 8)$

12) Which expression is not equal to
$(10 \times 8) \times 3$
A. 10×24
B. $10 \times (8 \times 3)$
C. 88×3
D. 80×3

Answers:
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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Answers

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C. 88×3
D. 80×3

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

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