Determine which choice is not an equivalent equation.

1) Which expression is not equal to
$(4 \times 6) \times 8$

A. $4 \times (6 \times 8)$

B. 4×48

C. 24×8

D. 4×42

2) Which expression is not equal to
$(8 \times 9) \times 3$

A. 8×27

B. $8 \times (9 \times 3)$

C. 72×3

D. 8×18

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

A. 27×10

B. 36×10

C. $(3 \times 9) \times 10$

D. 3×90

4) Which expression is not equal to
$(9 \times 7) \times 4$

A. 56×4

B. $9 \times (7 \times 4)$

C. 63×4

D. 9×28

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

A. $5 \times (4 \times 6)$

B. 20×6

C. 16×6

D. 5×24

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

A. $(8 \times 7) \times 3$

B. 56×3

C. 8×21

D. $(8 + 7) \times 3$

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

A. 80×2

B. 9×20

C. 90×2

D. $(9 \times 10) \times 2$

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

A. 2×48

B. 2×42

C. $2 \times (6 \times 7)$

D. 12×7

9) Which expression is not equal to
$10 \times (7 \times 5)$

A. $(10 \times 7) \times 5$

B. 70×5

C. $(10 + 7) \times 5$

D. 10×35

10) Which expression is not equal to
$6 \times (4 \times 2)$

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D. $(6 \times 4) \times 2$

11) Which expression is not equal to
$(4 \times 8) \times 2$

A. 4×16

B. 32×2

C. $4 \times (8 \times 2)$

D. $4 + (8 \times 2)$

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

A. $(10 \times 6) \times 9$

B. $(10 + 6) \times 9$

C. 10×54

D. 60×9

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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D. 60×9

Answers

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

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