Determine which choice is not an equivalent equation.

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

A. 9×18

B. $9 + (3 \times 6)$

C. 27×6

D. $9 \times (3 \times 6)$

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

A. $3 \times (9 \times 6)$

B. 3×54

C. 27×6

D. $3 + (9 \times 6)$

3) Which expression is not equal to
$8 \times (9 \times 5)$

A. $(8 \times 9) \times 5$

B. 8×36

C. 72×5

D. 8×45

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

A. 8×18

B. 24×6

C. $8 \times (3 \times 6)$

D. 21×6

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

A. 21×8

B. 7×24

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

D. 7×27

6) Which expression is not equal to
$9 \times (7 \times 6)$

A. 63×6

B. $(9 \times 7) \times 6$

C. 9×35

D. 9×42

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

A. 48×7

B. 8×42

C. $8 + (6 \times 7)$

D. $8 \times (6 \times 7)$

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

A. 14×4

B. 16×4

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

D. 8×8

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

A. 8×60

B. $8 \times (10 \times 5)$

C. 80×5

D. 8×50

10) Which expression is not equal to
$5 \times (8 \times 4)$

A. 5×40

B. 40×4

C. $(5 \times 8) \times 4$

D. 5×32

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

A. 7×16

B. 14×8

C. $7 \times (2 \times 8)$

D. $7 + (2 \times 8)$

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

A. 2×24

B. 24×3

C. 16×3

D. $2 \times (8 \times 3)$

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

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A. 9 × 18
B. 9 + (3 × 6)
C. 27 × 6
D. 9 × (3 × 6)

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

A. 3 × (9 × 6)
B. 3 × 54
C. 27 × 6
D. 3 + (9 × 6)

3) Which expression is not equal to
8 × (9 × 5)

A. (8 × 9) × 5
B. 8 × 36
C. 72 × 5
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4) Which expression is not equal to
(8 × 3) × 6

A. 8 × 18
B. 24 × 6
C. 8 × (3 × 6)
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5) Which expression is not equal to
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A. 21 × 8
B. 7 × 24
C. 7 × (3 × 8)
D. 7 × 27

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

A. 63 × 6
B. (9 × 7) × 6
C. 9 × 35
D. 9 × 42

7) Which expression is not equal to
(8 × 6) × 7

A. 48 × 7
B. 8 × 42
C. 8 + (6 × 7)
D. 8 × (6 × 7)

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

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B. 16 × 4
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11) Which expression is not equal to
(7 × 2) × 8

A. 7 × 16
B. 14 × 8
C. 7 × (2 × 8)
D. 7 + (2 × 8)

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

A. 2 × 24
B. 24 × 3
C. 16 × 3
D. 2 × (8 × 3)

Answers

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

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