Name: _____

Determine which choice is not an equivalent equation.

1) Which expression is not equal to
$2 \times (4 \times 3)$

A. 2×12

B. $(2 \times 4) \times 3$

C. 4×3

D. 8×3

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

A. 3×90

B. 3×99

C. 27×10

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

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

A. 40×2

B. $(10 \times 4) \times 2$

C. 10×8

D. 10×4

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

A. 3×42

B. 21×6

C. 28×6

D. $3 \times (7 \times 6)$

5) Which expression is not equal to
$(3 \times 8) \times 10$

A. $3 \times (8 \times 10)$

B. 24×10

C. 3×88

D. 3×80

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

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

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

C. 9×18

D. 54×3

7) Which expression is not equal to
$(9 \times 7) \times 8$

A. 63×8

B. $9 + (7 \times 8)$

C. 9×56

D. $9 \times (7 \times 8)$

8) Which expression is not equal to
$(5 \times 2) \times 4$

A. $5 \times (2 \times 4)$

B. 5×8

C. 10×4

D. 5×6

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

A. $3 + (6 \times 8)$

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

C. 18×8

D. 3×48

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

A. $(3 \times 9) \times 2$

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

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

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

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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

Determine which choice is not an equivalent equation.

Answers

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C. $(7 \times 9) \times 2$
D. 7×18

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

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