Determine which choice is not an equivalent equation.

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

A. 7×72

B. 56×9

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

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

2) Which expression is not equal to
$(6 \times 3) \times 5$

A. 18×5

B. 6×15

C. $6 + (3 \times 5)$

D. $6 \times (3 \times 5)$

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

A. 3×50

B. $3 \times (5 \times 10)$

C. 10×10

D. 15×10

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

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

B. 10×24

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

D. 30×8

5) Which expression is not equal to
$(5 \times 9) \times 2$

A. $5 \times (9 \times 2)$

B. 45×2

C. $5 + (9 \times 2)$

D. 5×18

6) Which expression is not equal to
$(10 \times 7) \times 8$

A. $10 \times (7 \times 8)$

B. 77×8

C. 70×8

D. 10×56

7) Which expression is not equal to
$10 \times (3 \times 6)$

A. 10×18

B. 30×6

C. $(10 \times 3) \times 6$

D. 10×21

8) Which expression is not equal to
$(2 \times 8) \times 10$

A. $2 \times (8 \times 10)$

B. $2 + (8 \times 10)$

C. 16×10

D. 2×80

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

A. 9×35

B. 9×28

C. 63×5

D. $(9 \times 7) \times 5$

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

A. 5×32

B. 5×36

C. 20×8

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

11) Which expression is not equal to
$(3 \times 7) \times 2$

A. $3 \times (7 \times 2)$

B. 21×2

C. 3×14

D. 28×2

12) Which expression is not equal to
$9 \times (5 \times 4)$

A. 9×20

B. 40×4

C. 45×4

D. $(9 \times 5) \times 4$

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

Determine which choice is not an equivalent equation.

A n s w e r s

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1. **C**

2. **C**

3. **C**

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4. **A**

5. **C**

6. **B**

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7. **D**

8. **B**

9. **B**

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10. **B**

11. **D**

12. **B**

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Math

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