Name:

Determine which choice is not an equivalent equation.

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

A. $8 + (4 \times 3)$

B. 32×3

C. 8×12

D. $8 \times (4 \times 3)$

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

A. $9 \times (6 \times 8)$

B. 54×8

C. 9×48

D. 9×54

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

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

B. 48×10

C. 56×10

D. 7×80

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

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

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

C. 7×36

D. 28×9

5) Which expression is not equal to
$3 \times (4 \times 5)$

A. $(3 \times 4) \times 5$

B. 3×20

C. 3×16

D. 12×5

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

A. $10 + (6 \times 8)$

B. $10 \times (6 \times 8)$

C. 60×8

D. 10×48

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

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

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

C. 8×50

D. 40×10

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

A. $2 + (5 \times 8)$

B. 10×8

C. 2×40

D. $2 \times (5 \times 8)$

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

A. 63×9

B. $(10 \times 7) \times 9$

C. 70×9

D. 10×63

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

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

B. 3×60

C. 3×70

D. 30×6

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

A. 5×90

B. $(5 \times 9) \times 10$

C. $(5 + 9) \times 10$

D. 45×10

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

A. 4×3

B. 4×6

C. 12×2

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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11. _____

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

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1. **A**

2. **D**

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8. **A**

9. **A**

10. **C**

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