Finding Associative Property   Name:

Determine which choice is not an equivalent equation.

1) Which expression is not equal to
$8 \times (5 \times 6)$

A. 8×30

B. 35×6

C. 40×6

D. $(8 \times 5) \times 6$

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

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

B. 2×42

C. 12×7

D. 18×7

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

A. 8×54

B. 8×60

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

D. 48×10

4) Which expression is not equal to
$(5 \times 6) \times 9$

A. 30×9

B. $5 \times (6 \times 9)$

C. 5×54

D. 36×9

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

A. 90×8

B. 80×8

C. $9 \times (10 \times 8)$

D. 9×80

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

A. 12×2

B. 3×8

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

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

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

A. 56×10

B. 7×80

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

D. 7×72

8) Which expression is not equal to
$2 \times (5 \times 7)$

A. 10×7

B. $(2 + 5) \times 7$

C. $(2 \times 5) \times 7$

D. 2×35

9) Which expression is not equal to
$10 \times (7 \times 4)$

A. 10×28

B. $(10 \times 7) \times 4$

C. 70×4

D. $(10 + 7) \times 4$

10) Which expression is not equal to
$(2 \times 10) \times 5$

A. 2×50

B. 2×40

C. 20×5

D. $2 \times (10 \times 5)$

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

A. 10×7

B. 3×35

C. 15×7

D. $3 \times (5 \times 7)$

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

A. 10×12

B. $(10 \times 2) \times 6$

C. $(10 + 2) \times 6$

D. 20×6

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Math

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1. ___**B**___

2. ___**D**___

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6. ___**D**___

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