Name:

Determine which choice is not an equivalent equation.

1) Which expression is not equal to
$(6 \times 10) \times 4$
A. 6×40
B. $6 \times (10 \times 4)$
C. $6 + (10 \times 4)$
D. 60×4

2) Which expression is not equal to
$8 \times (3 \times 5)$
A. $(8 \times 3) \times 5$
B. 24×5
C. 8×15
D. $(8 + 3) \times 5$

3) Which expression is not equal to
$2 \times (9 \times 5)$
A. 18×5
B. 27×5
C. $(2 \times 9) \times 5$
D. 2×45

4) Which expression is not equal to
$(6 \times 7) \times 8$
A. 42×8
B. $6 + (7 \times 8)$
C. $6 \times (7 \times 8)$
D. 6×56

5) Which expression is not equal to
$2 \times (3 \times 9)$
A. 2×30
B. $(2 \times 3) \times 9$
C. 2×27
D. 6×9

6) Which expression is not equal to
$(6 \times 8) \times 4$
A. $6 \times (8 \times 4)$
B. 48×4
C. 56×4
D. 6×32

7) Which expression is not equal to
$(2 \times 3) \times 8$
A. 6×8
B. $2 \times (3 \times 8)$
C. $2 + (3 \times 8)$
D. 2×24

8) Which expression is not equal to
$(4 \times 6) \times 3$
A. 4×18
B. 24×3
C. 4×24
D. $4 \times (6 \times 3)$

9) Which expression is not equal to
$(3 \times 6) \times 4$
A. 3×24
B. 24×4
C. $3 \times (6 \times 4)$
D. 18×4

10) Which expression is not equal to
$3 \times (2 \times 9)$
A. 6×9
B. 3×18
C. $(3 \times 2) \times 9$
D. $(3 + 2) \times 9$

11) Which expression is not equal to
$(7 \times 8) \times 6$
A. 7×48
B. 7×40
C. 56×6
D. $7 \times (8 \times 6)$

12) Which expression is not equal to
$10 \times (6 \times 5)$
A. $(10 + 6) \times 5$
B. $(10 \times 6) \times 5$
C. 60×5
D. 10×30

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								

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1. **C**

2. **D**

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3. **B**

4. **B**

5. **A**

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   D. 6×32

6. **C**

7. **C**

8. **C**

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   A. 6×8
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   C. $2 + (3 \times 8)$
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   $(4 \times 6) \times 3$
   A. 4×18
   B. 24×3
   C. 4×24
   D. $4 \times (6 \times 3)$

9. **B**

10. **D**

11. **B**

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   $(3 \times 6) \times 4$
   A. 3×24
   B. 24×4
   C. $3 \times (6 \times 4)$
   D. 18×4

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12. **A**

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