Determine which choice is not an equivalent equation.

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

A. 40×4

B. 35×4

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

D. 8×20

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

A. 15×10

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

C. 5×30

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

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

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

B. 10×9

C. 2×45

D. 2×40

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

A. $(4 \times 8) \times 2$

B. 4×16

C. 4×8

D. 32×2

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

A. 15×2

B. 5×3

C. $5 \times (3 \times 2)$

D. 5×6

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

A. 70×5

B. 7×50

C. 7×40

D. $7 \times (10 \times 5)$

7) Which expression is not equal to
$2 \times (8 \times 3)$

A. $(2 \times 8) \times 3$

B. $(2 + 8) \times 3$

C. 2×24

D. 16×3

8) Which expression is not equal to
$(9 \times 4) \times 3$

A. 36×3

B. $9 \times (4 \times 3)$

C. 9×8

D. 9×12

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

A. $10 + (2 \times 9)$

B. 10×18

C. 20×9

D. $10 \times (2 \times 9)$

10) Which expression is not equal to
$9 \times (2 \times 7)$

A. $(9 \times 2) \times 7$

B. 9×14

C. 9×16

D. 18×7

11) Which expression is not equal to
$(2 \times 3) \times 8$

A. 2×24

B. 2×21

C. 6×8

D. $2 \times (3 \times 8)$

12) Which expression is not equal to
$5 \times (9 \times 3)$

A. 45×3

B. $(5 \times 9) \times 3$

C. 36×3

D. 5×27

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**

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1. **B**

2. **B**

3. **D**

4. **C**

5. **B**

6. **C**

7. **B**

8. **C**

9. **A**

10. **C**

11. **B**

12. **C**

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