



**Determine which choice is not an equivalent equation.****Answers**

1) Which expression is not equal to $(6 \times 4) \times 10$

- A. 6×36
B. 24×10
C. $6 \times (4 \times 10)$
D. 6×40

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

- A. 16×10
B. 8×20
C. $8 \times (2 \times 10)$
D. $8 + (2 \times 10)$

3) Which expression is not equal to $3 \times (9 \times 10)$

- A. $(3 \times 9) \times 10$
B. 27×10
C. 18×10
D. 3×90

4) Which expression is not equal to $4 \times (2 \times 7)$

- A. $(4 \times 2) \times 7$
B. 4×14
C. 8×7
D. 6×7

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

- A. 10×20
B. 44×5
C. $(10 \times 4) \times 5$
D. 40×5

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

- A. 90×5
B. $(10 \times 9) \times 5$
C. $(10 + 9) \times 5$
D. 10×45

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

- A. $6 \times (3 \times 5)$
B. 6×15
C. 15×5
D. 18×5

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

- A. 35×9
B. $7 \times (5 \times 9)$
C. 7×45
D. $7 + (5 \times 9)$

9) Which expression is not equal to $4 \times (9 \times 2)$

- A. $(4 \times 9) \times 2$
B. 4×18
C. 36×2
D. 27×2

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

- A. $(3 \times 10) \times 7$
B. 30×7
C. 3×70
D. 20×7

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

- A. 42×8
B. $6 \times (7 \times 8)$
C. 6×56
D. $6 + (7 \times 8)$

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

- A. $2 + (8 \times 4)$
B. 2×32
C. $2 \times (8 \times 4)$
D. 16×4

1. _____
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12. _____











Answers

1. _____
2. _____
3. _____
4. _____
5. _____
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12. _____

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(3 \times 6) \times 9$
A. $3 \times (6 \times 9)$
B. 12×9
C. 18×9
D. 3×54

2) Which expression is not equal to $6 \times (10 \times 3)$
A. 6×20
B. $(6 \times 10) \times 3$
C. 60×3
D. 6×30

3) Which expression is not equal to $5 \times (2 \times 3)$
A. 5×6
B. 5×8
C. $(5 \times 2) \times 3$
D. 10×3

4) Which expression is not equal to $6 \times (9 \times 2)$
A. $(6 \times 9) \times 2$
B. $(6 + 9) \times 2$
C. 54×2
D. 6×18

5) Which expression is not equal to $(8 \times 7) \times 10$
A. $8 \times (7 \times 10)$
B. 56×10
C. 8×70
D. 8×77

6) Which expression is not equal to $(5 \times 10) \times 4$
A. 50×4
B. $5 + (10 \times 4)$
C. 5×40
D. $5 \times (10 \times 4)$

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

8) Which expression is not equal to $9 \times (2 \times 10)$
A. 18×10
B. 9×18
C. 9×20
D. $(9 \times 2) \times 10$

9) Which expression is not equal to $(5 \times 3) \times 7$
A. 5×21
B. $5 \times (3 \times 7)$
C. 15×7
D. $5 + (3 \times 7)$

10) Which expression is not equal to $(3 \times 10) \times 6$
A. $3 \times (10 \times 6)$
B. 20×6
C. 3×60
D. 30×6

11) Which expression is not equal to $10 \times (7 \times 3)$
A. $(10 \times 7) \times 3$
B. 10×21
C. 70×3
D. 63×3

12) Which expression is not equal to $10 \times (5 \times 6)$
A. 10×30
B. $(10 \times 5) \times 6$
C. 50×6
D. $(10 + 5) \times 6$

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Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(3 \times 6) \times 9$
A. $3 \times (6 \times 9)$
B. 12×9
C. 18×9
D. 3×54

2) Which expression is not equal to $6 \times (10 \times 3)$
A. 6×20
B. $(6 \times 10) \times 3$
C. 60×3
D. 6×30

3) Which expression is not equal to $5 \times (2 \times 3)$
A. 5×6
B. 5×8
C. $(5 \times 2) \times 3$
D. 10×3

4) Which expression is not equal to $6 \times (9 \times 2)$
A. $(6 \times 9) \times 2$
B. $(6 + 9) \times 2$
C. 54×2
D. 6×18

5) Which expression is not equal to $(8 \times 7) \times 10$
A. $8 \times (7 \times 10)$
B. 56×10
C. 8×70
D. 8×77

6) Which expression is not equal to $(5 \times 10) \times 4$
A. 50×4
B. $5 + (10 \times 4)$
C. 5×40
D. $5 \times (10 \times 4)$

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

8) Which expression is not equal to $9 \times (2 \times 10)$
A. 18×10
B. 9×18
C. 9×20
D. $(9 \times 2) \times 10$

9) Which expression is not equal to $(5 \times 3) \times 7$
A. 5×21
B. $5 \times (3 \times 7)$
C. 15×7
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10) Which expression is not equal to $(3 \times 10) \times 6$
A. $3 \times (10 \times 6)$
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A. $(10 \times 7) \times 3$
B. 10×21
C. 70×3
D. 63×3

12) Which expression is not equal to $10 \times (5 \times 6)$
A. 10×30
B. $(10 \times 5) \times 6$
C. 50×6
D. $(10 + 5) \times 6$

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|-----|----------|
| 1. | <u>B</u> |
| 2. | <u>A</u> |
| 3. | <u>B</u> |
| 4. | <u>B</u> |
| 5. | <u>D</u> |
| 6. | <u>B</u> |
| 7. | <u>C</u> |
| 8. | <u>B</u> |
| 9. | <u>D</u> |
| 10. | <u>B</u> |
| 11. | <u>D</u> |
| 12. | <u>D</u> |

**Determine which choice is not an equivalent equation.****Answers**

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. _____



