

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $3 \times (10 \times 2)$
A. $(3 \times 10) \times 2$
B. 40×2
C. 30×2
D. 3×20
 - 2) Which expression is not equal to $(2 \times 9) \times 4$
A. $2 + (9 \times 4)$
B. $2 \times (9 \times 4)$
C. 18×4
D. 2×36
 - 3) Which expression is not equal to $(2 \times 8) \times 5$
A. 16×5
B. 2×40
C. 24×5
D. $2 \times (8 \times 5)$
 - 4) Which expression is not equal to $(5 \times 7) \times 8$
A. 5×49
B. $5 \times (7 \times 8)$
C. 35×8
D. 5×56
 - 5) Which expression is not equal to $7 \times (8 \times 3)$
A. $(7 \times 8) \times 3$
B. 64×3
C. 7×24
D. 56×3
 - 6) Which expression is not equal to $(8 \times 3) \times 7$
A. 24×7
B. $8 \times (3 \times 7)$
C. 8×21
D. 8×24
 - 7) Which expression is not equal to $9 \times (7 \times 6)$
A. 9×35
B. 63×6
C. $(9 \times 7) \times 6$
D. 9×42
 - 8) Which expression is not equal to $(7 \times 2) \times 5$
A. 7×10
B. 14×5
C. $7 \times (2 \times 5)$
D. 7×8
 - 9) Which expression is not equal to $(6 \times 5) \times 10$
A. 30×10
B. $6 + (5 \times 10)$
C. $6 \times (5 \times 10)$
D. 6×50
 - 10) Which expression is not equal to $9 \times (2 \times 10)$
A. $(9 \times 2) \times 10$
B. 9×18
C. 9×20
D. 18×10
 - 11) Which expression is not equal to $2 \times (8 \times 5)$
A. 16×5
B. 2×40
C. 24×5
D. $(2 \times 8) \times 5$
 - 12) Which expression is not equal to $(10 \times 8) \times 7$
A. 10×56
B. 88×7
C. 80×7
D. $10 \times (8 \times 7)$

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

- 1) Which expression is not equal to $3 \times (10 \times 2)$
A. $(3 \times 10) \times 2$
B. 40×2
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D. 3×20
- 2) Which expression is not equal to $(2 \times 9) \times 4$
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D. 2×36
- 3) Which expression is not equal to $(2 \times 8) \times 5$
A. 16×5
B. 2×40
C. 24×5
D. $2 \times (8 \times 5)$
- 4) Which expression is not equal to $(5 \times 7) \times 8$
A. 5×49
B. $5 \times (7 \times 8)$
C. 35×8
D. 5×56
- 5) Which expression is not equal to $7 \times (8 \times 3)$
A. $(7 \times 8) \times 3$
B. 64×3
C. 7×24
D. 56×3
- 6) Which expression is not equal to $(8 \times 3) \times 7$
A. 24×7
B. $8 \times (3 \times 7)$
C. 8×21
D. 8×24
- 7) Which expression is not equal to $9 \times (7 \times 6)$
A. 9×35
B. 63×6
C. $(9 \times 7) \times 6$
D. 9×42
- 8) Which expression is not equal to $(7 \times 2) \times 5$
A. 7×10
B. 14×5
C. $7 \times (2 \times 5)$
D. 7×8
- 9) Which expression is not equal to $(6 \times 5) \times 10$
A. 30×10
B. $6 + (5 \times 10)$
C. $6 \times (5 \times 10)$
D. 6×50
- 10) Which expression is not equal to $9 \times (2 \times 10)$
A. $(9 \times 2) \times 10$
B. 9×18
C. 9×20
D. 18×10
- 11) Which expression is not equal to $2 \times (8 \times 5)$
A. 16×5
B. 2×40
C. 24×5
D. $(2 \times 8) \times 5$
- 12) Which expression is not equal to $(10 \times 8) \times 7$
A. 10×56
B. 88×7
C. 80×7
D. $10 \times (8 \times 7)$

1. **B**
2. **A**
3. **C**
4. **A**
5. **B**
6. **D**
7. **A**
8. **D**
9. **B**
10. **B**
11. **C**
12. **B**

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

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Which expression is not equal to $10 \times (2 \times 3)$
A. 10×6
B. $(10 \times 2) \times 3$
C. 18×3
D. 20×3 | 2) Which expression is not equal to $9 \times (2 \times 7)$
A. $(9 \times 2) \times 7$
B. $(9 + 2) \times 7$
C. 9×14
D. 18×7 |
| 3) Which expression is not equal to $8 \times (6 \times 3)$
A. 48×3
B. 8×18
C. $(8 \times 6) \times 3$
D. $(8 + 6) \times 3$ | 4) Which expression is not equal to $8 \times (9 \times 3)$
A. 72×3
B. 8×18
C. 8×27
D. $(8 \times 9) \times 3$ |
| 5) Which expression is not equal to $(10 \times 7) \times 4$
A. $10 + (7 \times 4)$
B. 10×28
C. 70×4
D. $10 \times (7 \times 4)$ | 6) Which expression is not equal to $(9 \times 4) \times 5$
A. 9×20
B. $9 \times (4 \times 5)$
C. $9 + (4 \times 5)$
D. 36×5 |
| 7) Which expression is not equal to $(3 \times 2) \times 6$
A. 3×14
B. 3×12
C. 6×6
D. $3 \times (2 \times 6)$ | 8) Which expression is not equal to $(4 \times 10) \times 3$
A. 40×3
B. 4×30
C. $4 \times (10 \times 3)$
D. $4 + (10 \times 3)$ |
| 9) Which expression is not equal to $6 \times (2 \times 3)$
A. $(6 + 2) \times 3$
B. 6×6
C. 12×3
D. $(6 \times 2) \times 3$ | 10) Which expression is not equal to $6 \times (8 \times 2)$
A. 48×2
B. 6×16
C. $(6 \times 8) \times 2$
D. $(6 + 8) \times 2$ |
| 11) Which expression is not equal to $2 \times (4 \times 8)$
A. $(2 \times 4) \times 8$
B. 4×8
C. 2×32
D. 8×8 | 12) Which expression is not equal to $(5 \times 6) \times 10$
A. 24×10
B. 30×10
C. $5 \times (6 \times 10)$
D. 5×60 |

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10. _____

11. _____

12. _____

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- 1) Which expression is not equal to $10 \times (2 \times 3)$
A. 10×6
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B. $(9 + 2) \times 7$
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D. 18×7
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B. 8×18
C. $(8 \times 6) \times 3$
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A. 72×3
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C. 8×27
D. $(8 \times 9) \times 3$
- 5) Which expression is not equal to $(10 \times 7) \times 4$
A. $10 + (7 \times 4)$
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C. 70×4
D. $10 \times (7 \times 4)$
- 6) Which expression is not equal to $(9 \times 4) \times 5$
A. 9×20
B. $9 \times (4 \times 5)$
C. $9 + (4 \times 5)$
D. 36×5
- 7) Which expression is not equal to $(3 \times 2) \times 6$
A. 3×14
B. 3×12
C. 6×6
D. $3 \times (2 \times 6)$
- 8) Which expression is not equal to $(4 \times 10) \times 3$
A. 40×3
B. 4×30
C. $4 \times (10 \times 3)$
D. $4 + (10 \times 3)$
- 9) Which expression is not equal to $6 \times (2 \times 3)$
A. $(6 + 2) \times 3$
B. 6×6
C. 12×3
D. $(6 \times 2) \times 3$
- 10) Which expression is not equal to $6 \times (8 \times 2)$
A. 48×2
B. 6×16
C. $(6 \times 8) \times 2$
D. $(6 + 8) \times 2$
- 11) Which expression is not equal to $2 \times (4 \times 8)$
A. $(2 \times 4) \times 8$
B. 4×8
C. 2×32
D. 8×8
- 12) Which expression is not equal to $(5 \times 6) \times 10$
A. 24×10
B. 30×10
C. $5 \times (6 \times 10)$
D. 5×60

1. **C**
2. **B**
3. **D**
4. **B**
5. **A**
6. **C**
7. **A**
8. **D**
9. **A**
10. **D**
11. **B**
12. **A**

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

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Which expression is not equal to $8 \times (2 \times 9)$
A. $(8 + 2) \times 9$
B. 16×9
C. $(8 \times 2) \times 9$
D. 8×18 | 2) Which expression is not equal to $8 \times (5 \times 9)$
A. 8×45
B. 40×9
C. $(8 \times 5) \times 9$
D. $(8 + 5) \times 9$ |
| 3) Which expression is not equal to $(10 \times 9) \times 7$
A. 90×7
B. 10×63
C. 99×7
D. $10 \times (9 \times 7)$ | 4) Which expression is not equal to $3 \times (6 \times 2)$
A. $(3 \times 6) \times 2$
B. 18×2
C. 3×12
D. 3×6 |
| 5) Which expression is not equal to $10 \times (2 \times 6)$
A. 20×6
B. $(10 \times 2) \times 6$
C. 22×6
D. 10×12 | 6) Which expression is not equal to $5 \times (6 \times 3)$
A. 30×3
B. 5×12
C. $(5 \times 6) \times 3$
D. 5×18 |
| 7) Which expression is not equal to $(4 \times 2) \times 3$
A. 8×3
B. $4 + (2 \times 3)$
C. 4×6
D. $4 \times (2 \times 3)$ | 8) Which expression is not equal to $9 \times (3 \times 4)$
A. $(9 \times 3) \times 4$
B. 30×4
C. 27×4
D. 9×12 |
| 9) Which expression is not equal to $3 \times (8 \times 2)$
A. 3×24
B. 24×2
C. 3×16
D. $(3 \times 8) \times 2$ | 10) Which expression is not equal to $10 \times (7 \times 5)$
A. $(10 \times 7) \times 5$
B. 10×35
C. 10×42
D. 70×5 |
| 11) Which expression is not equal to $(2 \times 4) \times 9$
A. 2×36
B. 2×32
C. $2 \times (4 \times 9)$
D. 8×9 | 12) Which expression is not equal to $(7 \times 8) \times 6$
A. 7×56
B. $7 \times (8 \times 6)$
C. 7×48
D. 56×6 |

1. _____

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Answers

- 1) Which expression is not equal to $8 \times (2 \times 9)$
A. $(8 + 2) \times 9$
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D. 8×18

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A. 8×45
B. 40×9
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D. $(8 + 5) \times 9$

3) Which expression is not equal to $(10 \times 9) \times 7$
A. 90×7
B. 10×63
C. 99×7
D. $10 \times (9 \times 7)$

4) Which expression is not equal to $3 \times (6 \times 2)$
A. $(3 \times 6) \times 2$
B. 18×2
C. 3×12
D. 3×6

5) Which expression is not equal to $10 \times (2 \times 6)$
A. 20×6
B. $(10 \times 2) \times 6$
C. 22×6
D. 10×12

6) Which expression is not equal to $5 \times (6 \times 3)$
A. 30×3
B. 5×12
C. $(5 \times 6) \times 3$
D. 5×18

7) Which expression is not equal to $(4 \times 2) \times 3$
A. 8×3
B. $4 + (2 \times 3)$
C. 4×6
D. $4 \times (2 \times 3)$

8) Which expression is not equal to $9 \times (3 \times 4)$
A. $(9 \times 3) \times 4$
B. 30×4
C. 27×4
D. 9×12

9) Which expression is not equal to $3 \times (8 \times 2)$
A. 3×24
B. 24×2
C. 3×16
D. $(3 \times 8) \times 2$

10) Which expression is not equal to $10 \times (7 \times 5)$
A. $(10 \times 7) \times 5$
B. 10×35
C. 10×42
D. 70×5

11) Which expression is not equal to $(2 \times 4) \times 9$
A. 2×36
B. 2×32
C. $2 \times (4 \times 9)$
D. 8×9

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

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

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

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| <p>1) Which expression is not equal to $(2 \times 5) \times 10$
A. 2×50
B. 10×10
C. 5×10
D. $2 \times (5 \times 10)$</p> <p>3) Which expression is not equal to $5 \times (8 \times 4)$
A. 40×4
B. 5×40
C. 5×32
D. $(5 \times 8) \times 4$</p> <p>5) Which expression is not equal to $(5 \times 3) \times 4$
A. 5×15
B. 5×12
C. 15×4
D. $5 \times (3 \times 4)$</p> <p>7) Which expression is not equal to $(5 \times 8) \times 7$
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B. $5 \times (8 \times 7)$
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A. $(8 \times 2) \times 9$
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A. 40×6
B. 8×30
C. $8 \times (5 \times 6)$
D. 8×35</p> | <p>2) Which expression is not equal to $(2 \times 4) \times 6$
A. 2×24
B. 4×6
C. $2 \times (4 \times 6)$
D. 8×6</p> <p>4) Which expression is not equal to $7 \times (2 \times 6)$
A. 7×12
B. 14×6
C. $(7 \times 2) \times 6$
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A. 16×5
B. $8 \times (2 \times 5)$
C. 18×5
D. 8×10</p> <p>8) Which expression is not equal to $10 \times (2 \times 8)$
A. $(10 \times 2) \times 8$
B. 10×16
C. $(10 + 2) \times 8$
D. 20×8</p> <p>10) Which expression is not equal to $(3 \times 5) \times 2$
A. $3 \times (5 \times 2)$
B. $3 + (5 \times 2)$
C. 15×2
D. 3×10</p> <p>12) Which expression is not equal to $(7 \times 2) \times 9$
A. $7 \times (2 \times 9)$
B. 12×9
C. 7×18
D. 14×9</p> |
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A. 2×24
B. 4×6
C. $2 \times (4 \times 6)$
D. 8×6
 - 3) Which expression is not equal to $5 \times (8 \times 4)$
A. 40×4
B. 5×40
C. 5×32
D. $(5 \times 8) \times 4$
 - 4) Which expression is not equal to $7 \times (2 \times 6)$
A. 7×12
B. 14×6
C. $(7 \times 2) \times 6$
D. 16×6
 - 5) Which expression is not equal to $(5 \times 3) \times 4$
A. 5×15
B. 5×12
C. 15×4
D. $5 \times (3 \times 4)$
 - 6) Which expression is not equal to $(8 \times 2) \times 5$
A. 16×5
B. $8 \times (2 \times 5)$
C. 18×5
D. 8×10
 - 7) Which expression is not equal to $(5 \times 8) \times 7$
A. 5×48
B. $5 \times (8 \times 7)$
C. 40×7
D. 5×56
 - 8) Which expression is not equal to $10 \times (2 \times 8)$
A. $(10 \times 2) \times 8$
B. 10×16
C. $(10 + 2) \times 8$
D. 20×8
 - 9) Which expression is not equal to $8 \times (2 \times 9)$
A. $(8 \times 2) \times 9$
B. 16×9
C. 18×9
D. 8×18
 - 10) Which expression is not equal to $(3 \times 5) \times 2$
A. $3 \times (5 \times 2)$
B. $3 + (5 \times 2)$
C. 15×2
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 - 11) Which expression is not equal to $(8 \times 5) \times 6$
A. 40×6
B. 8×30
C. $8 \times (5 \times 6)$
D. 8×35
 - 12) Which expression is not equal to $(7 \times 2) \times 9$
A. $7 \times (2 \times 9)$
B. 12×9
C. 7×18
D. 14×9

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

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- | | |
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A. $(6 + 4) \times 9$
B. 6×36
C. 24×9
D. $(6 \times 4) \times 9$ | 2) Which expression is not equal to $3 \times (5 \times 4)$
A. 10×4
B. 15×4
C. 3×20
D. $(3 \times 5) \times 4$ |
| 3) Which expression is not equal to $3 \times (5 \times 2)$
A. $(3 \times 5) \times 2$
B. 15×2
C. 3×10
D. 3×15 | 4) Which expression is not equal to $2 \times (7 \times 5)$
A. $(2 \times 7) \times 5$
B. 14×5
C. $(2 + 7) \times 5$
D. 2×35 |
| 5) Which expression is not equal to $(10 \times 6) \times 4$
A. 10×24
B. $10 + (6 \times 4)$
C. 60×4
D. $10 \times (6 \times 4)$ | 6) Which expression is not equal to $(2 \times 3) \times 9$
A. 2×27
B. 6×9
C. 2×24
D. $2 \times (3 \times 9)$ |
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C. 56×8
D. 63×8 | 10) Which expression is not equal to $7 \times (10 \times 3)$
A. 7×30
B. 7×20
C. 70×3
D. $(7 \times 10) \times 3$ |
| 11) Which expression is not equal to $2 \times (3 \times 7)$
A. $(2 + 3) \times 7$
B. 6×7
C. $(2 \times 3) \times 7$
D. 2×21 | 12) Which expression is not equal to $10 \times (8 \times 2)$
A. $(10 \times 8) \times 2$
B. 80×2
C. 10×16
D. 10×24 |

1. _____

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3. _____

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5. _____

6. _____

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11. _____

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C. 14×5
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D. $10 \times (4 \times 5)$
 - 9) Which expression is not equal to $9 \times (7 \times 8)$
A. $(9 \times 7) \times 8$
B. 9×56
C. 56×8
D. 63×8
 - 10) Which expression is not equal to $7 \times (10 \times 3)$
A. 7×30
B. 7×20
C. 70×3
D. $(7 \times 10) \times 3$
 - 11) Which expression is not equal to $2 \times (3 \times 7)$
A. $(2 + 3) \times 7$
B. 6×7
C. $(2 \times 3) \times 7$
D. 2×21
 - 12) Which expression is not equal to $10 \times (8 \times 2)$
A. $(10 \times 8) \times 2$
B. 80×2
C. 10×16
D. 10×24

1. **A**

2. **A**

D

C

7. _____

8. A

9. **C**

10 **B**11

D

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

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Which expression is not equal to $(5 \times 7) \times 9$
A. $5 + (7 \times 9)$
B. 35×9
C. $5 \times (7 \times 9)$
D. 5×63 | 2) Which expression is not equal to $5 \times (7 \times 2)$
A. 35×2
B. $(5 \times 7) \times 2$
C. $(5 + 7) \times 2$
D. 5×14 |
| 3) Which expression is not equal to $3 \times (7 \times 9)$
A. 3×70
B. $(3 \times 7) \times 9$
C. 3×63
D. 21×9 | 4) Which expression is not equal to $3 \times (7 \times 4)$
A. 21×4
B. $(3 \times 7) \times 4$
C. 14×4
D. 3×28 |
| 5) Which expression is not equal to $7 \times (5 \times 4)$
A. 30×4
B. 35×4
C. $(7 \times 5) \times 4$
D. 7×20 | 6) Which expression is not equal to $7 \times (8 \times 6)$
A. 56×6
B. 7×48
C. $(7 \times 8) \times 6$
D. 7×40 |
| 7) Which expression is not equal to $6 \times (2 \times 3)$
A. 12×3
B. $(6 \times 2) \times 3$
C. 6×4
D. 6×6 | 8) Which expression is not equal to $6 \times (5 \times 4)$
A. $(6 + 5) \times 4$
B. 30×4
C. $(6 \times 5) \times 4$
D. 6×20 |
| 9) Which expression is not equal to $8 \times (2 \times 7)$
A. 16×7
B. 18×7
C. 8×14
D. $(8 \times 2) \times 7$ | 10) Which expression is not equal to $7 \times (5 \times 3)$
A. 7×15
B. $(7 \times 5) \times 3$
C. 35×3
D. $(7 + 5) \times 3$ |
| 11) Which expression is not equal to $(6 \times 10) \times 4$
A. 60×4
B. 6×40
C. $6 + (10 \times 4)$
D. $6 \times (10 \times 4)$ | 12) Which expression is not equal to $10 \times (7 \times 9)$
A. $(10 + 7) \times 9$
B. 10×63
C. $(10 \times 7) \times 9$
D. 70×9 |

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

- 1) Which expression is not equal to $(5 \times 7) \times 9$
A. $5 + (7 \times 9)$
B. 35×9
C. $5 \times (7 \times 9)$
D. 5×63
- 2) Which expression is not equal to $5 \times (7 \times 2)$
A. 35×2
B. $(5 \times 7) \times 2$
C. $(5 + 7) \times 2$
D. 5×14
- 3) Which expression is not equal to $3 \times (7 \times 9)$
A. 3×70
B. $(3 \times 7) \times 9$
C. 3×63
D. 21×9
- 4) Which expression is not equal to $3 \times (7 \times 4)$
A. 21×4
B. $(3 \times 7) \times 4$
C. 14×4
D. 3×28
- 5) Which expression is not equal to $7 \times (5 \times 4)$
A. 30×4
B. 35×4
C. $(7 \times 5) \times 4$
D. 7×20
- 6) Which expression is not equal to $7 \times (8 \times 6)$
A. 56×6
B. 7×48
C. $(7 \times 8) \times 6$
D. 7×40
- 7) Which expression is not equal to $6 \times (2 \times 3)$
A. 12×3
B. $(6 \times 2) \times 3$
C. 6×4
D. 6×6
- 8) Which expression is not equal to $6 \times (5 \times 4)$
A. $(6 + 5) \times 4$
B. 30×4
C. $(6 \times 5) \times 4$
D. 6×20
- 9) Which expression is not equal to $8 \times (2 \times 7)$
A. 16×7
B. 18×7
C. 8×14
D. $(8 \times 2) \times 7$
- 10) Which expression is not equal to $7 \times (5 \times 3)$
A. 7×15
B. $(7 \times 5) \times 3$
C. 35×3
D. $(7 + 5) \times 3$
- 11) Which expression is not equal to $(6 \times 10) \times 4$
A. 60×4
B. 6×40
C. $6 + (10 \times 4)$
D. $6 \times (10 \times 4)$
- 12) Which expression is not equal to $10 \times (7 \times 9)$
A. $(10 + 7) \times 9$
B. 10×63
C. $(10 \times 7) \times 9$
D. 70×9

1. **A**
2. **C**
3. **A**
4. **C**
5. **A**
6. **D**
7. **C**
8. **A**
9. **B**
10. **D**
11. **C**
12. **A**

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

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Which expression is not equal to $(6 \times 10) \times 4$
A. 60×4
B. 6×40
C. 70×4
D. $6 \times (10 \times 4)$ | 2) Which expression is not equal to $(4 \times 6) \times 3$
A. 24×3
B. $4 \times (6 \times 3)$
C. 4×18
D. $4 + (6 \times 3)$ |
| 3) Which expression is not equal to $(10 \times 5) \times 3$
A. $10 \times (5 \times 3)$
B. 10×15
C. 10×10
D. 50×3 | 4) Which expression is not equal to $(10 \times 3) \times 4$
A. 10×9
B. $10 \times (3 \times 4)$
C. 30×4
D. 10×12 |
| 5) Which expression is not equal to $(7 \times 9) \times 2$
A. $7 \times (9 \times 2)$
B. 7×18
C. 7×9
D. 63×2 | 6) Which expression is not equal to $7 \times (9 \times 6)$
A. $(7 \times 9) \times 6$
B. 7×54
C. 63×6
D. 54×6 |
| 7) Which expression is not equal to $3 \times (8 \times 4)$
A. $(3 \times 8) \times 4$
B. 24×4
C. 3×24
D. 3×32 | 8) Which expression is not equal to $(8 \times 5) \times 2$
A. 8×15
B. $8 \times (5 \times 2)$
C. 8×10
D. 40×2 |
| 9) Which expression is not equal to $(8 \times 2) \times 6$
A. 16×6
B. 8×12
C. $8 \times (2 \times 6)$
D. 8×14 | 10) Which expression is not equal to $6 \times (2 \times 9)$
A. $(6 + 2) \times 9$
B. 12×9
C. 6×18
D. $(6 \times 2) \times 9$ |
| 11) Which expression is not equal to $3 \times (8 \times 2)$
A. $(3 \times 8) \times 2$
B. 24×2
C. 3×16
D. $(3 + 8) \times 2$ | 12) Which expression is not equal to $(3 \times 2) \times 7$
A. 3×14
B. $3 + (2 \times 7)$
C. 6×7
D. $3 \times (2 \times 7)$ |

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

- 1) Which expression is not equal to $(6 \times 10) \times 4$
A. 60×4
B. 6×40
C. 70×4
D. $6 \times (10 \times 4)$
- 2) Which expression is not equal to $(4 \times 6) \times 3$
A. 24×3
B. $4 \times (6 \times 3)$
C. 4×18
D. $4 + (6 \times 3)$
- 3) Which expression is not equal to $(10 \times 5) \times 3$
A. $10 \times (5 \times 3)$
B. 10×15
C. 10×10
D. 50×3
- 4) Which expression is not equal to $(10 \times 3) \times 4$
A. 10×9
B. $10 \times (3 \times 4)$
C. 30×4
D. 10×12
- 5) Which expression is not equal to $(7 \times 9) \times 2$
A. $7 \times (9 \times 2)$
B. 7×18
C. 7×9
D. 63×2
- 6) Which expression is not equal to $7 \times (9 \times 6)$
A. $(7 \times 9) \times 6$
B. 7×54
C. 63×6
D. 54×6
- 7) Which expression is not equal to $3 \times (8 \times 4)$
A. $(3 \times 8) \times 4$
B. 24×4
C. 3×24
D. 3×32
- 8) Which expression is not equal to $(8 \times 5) \times 2$
A. 8×15
B. $8 \times (5 \times 2)$
C. 8×10
D. 40×2
- 9) Which expression is not equal to $(8 \times 2) \times 6$
A. 16×6
B. 8×12
C. $8 \times (2 \times 6)$
D. 8×14
- 10) Which expression is not equal to $6 \times (2 \times 9)$
A. $(6 + 2) \times 9$
B. 12×9
C. 6×18
D. $(6 \times 2) \times 9$
- 11) Which expression is not equal to $3 \times (8 \times 2)$
A. $(3 \times 8) \times 2$
B. 24×2
C. 3×16
D. $(3 + 8) \times 2$
- 12) Which expression is not equal to $(3 \times 2) \times 7$
A. 3×14
B. $3 + (2 \times 7)$
C. 6×7
D. $3 \times (2 \times 7)$

1. **C**
2. **D**
3. **C**
4. **A**
5. **C**
6. **D**
7. **C**
8. **A**
9. **D**
10. **A**
11. **D**
12. **B**

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(9 \times 6) \times 10$
A. 54×10
B. $9 + (6 \times 10)$
C. 9×60
D. $9 \times (6 \times 10)$
 - 2) Which expression is not equal to $2 \times (6 \times 3)$
A. 2×18
B. $(2 + 6) \times 3$
C. $(2 \times 6) \times 3$
D. 12×3
 - 3) Which expression is not equal to $(6 \times 8) \times 5$
A. 48×5
B. $6 \times (8 \times 5)$
C. 6×40
D. 40×5
 - 4) Which expression is not equal to $6 \times (5 \times 9)$
A. $(6 \times 5) \times 9$
B. 6×50
C. 6×45
D. 30×9
 - 5) Which expression is not equal to $4 \times (5 \times 3)$
A. 20×3
B. 4×15
C. $(4 + 5) \times 3$
D. $(4 \times 5) \times 3$
 - 6) Which expression is not equal to $8 \times (9 \times 2)$
A. $(8 \times 9) \times 2$
B. $(8 + 9) \times 2$
C. 72×2
D. 8×18
 - 7) Which expression is not equal to $8 \times (7 \times 3)$
A. 56×3
B. $(8 \times 7) \times 3$
C. 8×21
D. 8×28
 - 8) Which expression is not equal to $2 \times (8 \times 9)$
A. 16×9
B. 2×80
C. $(2 \times 8) \times 9$
D. 2×72
 - 9) Which expression is not equal to $4 \times (9 \times 3)$
A. 4×27
B. $(4 \times 9) \times 3$
C. 36×3
D. $(4 + 9) \times 3$
 - 10) Which expression is not equal to $(4 \times 9) \times 7$
A. 4×63
B. 36×7
C. 45×7
D. $4 \times (9 \times 7)$
 - 11) Which expression is not equal to $(9 \times 10) \times 8$
A. $9 \times (10 \times 8)$
B. 100×8
C. 9×80
D. 90×8
 - 12) Which expression is not equal to $5 \times (9 \times 4)$
A. 5×45
B. $(5 \times 9) \times 4$
C. 5×36
D. 45×4

1. _____

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(9 \times 6) \times 10$
A. 54×10
B. $9 + (6 \times 10)$
C. 9×60
D. $9 \times (6 \times 10)$
 - 2) Which expression is not equal to $2 \times (6 \times 3)$
A. 2×18
B. $(2 + 6) \times 3$
C. $(2 \times 6) \times 3$
D. 12×3
 - 3) Which expression is not equal to $(6 \times 8) \times 5$
A. 48×5
B. $6 \times (8 \times 5)$
C. 6×40
D. 40×5
 - 4) Which expression is not equal to $6 \times (5 \times 9)$
A. $(6 \times 5) \times 9$
B. 6×50
C. 6×45
D. 30×9
 - 5) Which expression is not equal to $4 \times (5 \times 3)$
A. 20×3
B. 4×15
C. $(4 + 5) \times 3$
D. $(4 \times 5) \times 3$
 - 6) Which expression is not equal to $8 \times (9 \times 2)$
A. $(8 \times 9) \times 2$
B. $(8 + 9) \times 2$
C. 72×2
D. 8×18
 - 7) Which expression is not equal to $8 \times (7 \times 3)$
A. 56×3
B. $(8 \times 7) \times 3$
C. 8×21
D. 8×28
 - 8) Which expression is not equal to $2 \times (8 \times 9)$
A. 16×9
B. 2×80
C. $(2 \times 8) \times 9$
D. 2×72
 - 9) Which expression is not equal to $4 \times (9 \times 3)$
A. 4×27
B. $(4 \times 9) \times 3$
C. 36×3
D. $(4 + 9) \times 3$
 - 10) Which expression is not equal to $(4 \times 9) \times 7$
A. 4×63
B. 36×7
C. 45×7
D. $4 \times (9 \times 7)$
 - 11) Which expression is not equal to $(9 \times 10) \times 8$
A. $9 \times (10 \times 8)$
B. 100×8
C. 9×80
D. 90×8
 - 12) Which expression is not equal to $5 \times (9 \times 4)$
A. 5×45
B. $(5 \times 9) \times 4$
C. 5×36
D. 45×4

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

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

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Which expression is not equal to $(4 \times 10) \times 8$
A. $4 \times (10 \times 8)$
B. 40×8
C. 4×80
D. 4×90 | 2) Which expression is not equal to $(8 \times 10) \times 3$
A. 80×3
B. $8 + (10 \times 3)$
C. $8 \times (10 \times 3)$
D. 8×30 |
| 3) Which expression is not equal to $10 \times (3 \times 6)$
A. 10×18
B. $(10 \times 3) \times 6$
C. 30×6
D. $(10 + 3) \times 6$ | 4) Which expression is not equal to $8 \times (6 \times 4)$
A. $(8 + 6) \times 4$
B. 48×4
C. $(8 \times 6) \times 4$
D. 8×24 |
| 5) Which expression is not equal to $(9 \times 7) \times 10$
A. 9×70
B. 63×10
C. 9×77
D. $9 \times (7 \times 10)$ | 6) Which expression is not equal to $(2 \times 6) \times 4$
A. 2×24
B. 12×4
C. $2 + (6 \times 4)$
D. $2 \times (6 \times 4)$ |
| 7) Which expression is not equal to $(5 \times 3) \times 2$
A. 18×2
B. 15×2
C. 5×6
D. $5 \times (3 \times 2)$ | 8) Which expression is not equal to $(4 \times 6) \times 9$
A. $4 + (6 \times 9)$
B. 24×9
C. $4 \times (6 \times 9)$
D. 4×54 |
| 9) Which expression is not equal to $6 \times (2 \times 10)$
A. 12×10
B. 6×22
C. 6×20
D. $(6 \times 2) \times 10$ | 10) Which expression is not equal to $5 \times (3 \times 10)$
A. 5×30
B. 12×10
C. $(5 \times 3) \times 10$
D. 15×10 |
| 11) Which expression is not equal to $(9 \times 2) \times 4$
A. 9×6
B. 18×4
C. 9×8
D. $9 \times (2 \times 4)$ | 12) Which expression is not equal to $3 \times (4 \times 6)$
A. 12×6
B. 3×24
C. 3×28
D. $(3 \times 4) \times 6$ |

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Determine which choice is not an equivalent equation.

Answers

- 1) Which expression is not equal to $(4 \times 10) \times 8$
A. $4 \times (10 \times 8)$
B. 40×8
C. 4×80
D. 4×90
 - 2) Which expression is not equal to $(8 \times 10) \times 3$
A. 80×3
B. $8 + (10 \times 3)$
C. $8 \times (10 \times 3)$
D. 8×30
 - 3) Which expression is not equal to $10 \times (3 \times 6)$
A. 10×18
B. $(10 \times 3) \times 6$
C. 30×6
D. $(10 + 3) \times 6$
 - 4) Which expression is not equal to $8 \times (6 \times 4)$
A. $(8 + 6) \times 4$
B. 48×4
C. $(8 \times 6) \times 4$
D. 8×24
 - 5) Which expression is not equal to $(9 \times 7) \times 10$
A. 9×70
B. 63×10
C. 9×77
D. $9 \times (7 \times 10)$
 - 6) Which expression is not equal to $(2 \times 6) \times 4$
A. 2×24
B. 12×4
C. $2 + (6 \times 4)$
D. $2 \times (6 \times 4)$
 - 7) Which expression is not equal to $(5 \times 3) \times 2$
A. 18×2
B. 15×2
C. 5×6
D. $5 \times (3 \times 2)$
 - 8) Which expression is not equal to $(4 \times 6) \times 9$
A. $4 + (6 \times 9)$
B. 24×9
C. $4 \times (6 \times 9)$
D. 4×54
 - 9) Which expression is not equal to $6 \times (2 \times 10)$
A. 12×10
B. 6×22
C. 6×20
D. $(6 \times 2) \times 10$
 - 10) Which expression is not equal to $5 \times (3 \times 10)$
A. 5×30
B. 12×10
C. $(5 \times 3) \times 10$
D. 15×10
 - 11) Which expression is not equal to $(9 \times 2) \times 4$
A. 9×6
B. 18×4
C. 9×8
D. $9 \times (2 \times 4)$
 - 12) Which expression is not equal to $3 \times (4 \times 6)$
A. 12×6
B. 3×24
C. 3×28
D. $(3 \times 4) \times 6$

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

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

- 1) Which expression is not equal to $10 \times (6 \times 7)$
A. 60×7
B. $(10 + 6) \times 7$
C. $(10 \times 6) \times 7$
D. 10×42
- 2) Which expression is not equal to $3 \times (6 \times 9)$
A. $(3 \times 6) \times 9$
B. 3×54
C. 18×9
D. 12×9
- 3) Which expression is not equal to $(4 \times 10) \times 9$
A. 40×9
B. 4×100
C. $4 \times (10 \times 9)$
D. 4×90
- 4) Which expression is not equal to $(9 \times 3) \times 4$
A. $9 \times (3 \times 4)$
B. 9×12
C. 24×4
D. 27×4
- 5) Which expression is not equal to $(3 \times 9) \times 7$
A. 3×63
B. $3 \times (9 \times 7)$
C. 3×72
D. 27×7
- 6) Which expression is not equal to $3 \times (2 \times 4)$
A. 3×8
B. 6×4
C. $(3 + 2) \times 4$
D. $(3 \times 2) \times 4$
- 7) Which expression is not equal to $8 \times (6 \times 5)$
A. $(8 \times 6) \times 5$
B. 42×5
C. 8×30
D. 48×5
- 8) Which expression is not equal to $(5 \times 10) \times 3$
A. 50×3
B. 5×30
C. $5 \times (10 \times 3)$
D. $5 + (10 \times 3)$
- 9) Which expression is not equal to $9 \times (4 \times 3)$
A. 9×12
B. 32×3
C. $(9 \times 4) \times 3$
D. 36×3
- 10) Which expression is not equal to $(8 \times 3) \times 2$
A. 8×6
B. $8 \times (3 \times 2)$
C. 24×2
D. $8 + (3 \times 2)$
- 11) Which expression is not equal to $(5 \times 2) \times 3$
A. $5 \times (2 \times 3)$
B. 5×6
C. 10×3
D. 5×8
- 12) Which expression is not equal to $5 \times (10 \times 8)$
A. 60×8
B. 50×8
C. $(5 \times 10) \times 8$
D. 5×80

1. **B**
2. **D**
3. **B**
4. **C**
5. **C**
6. **C**
7. **B**
8. **D**
9. **B**
10. **D**
11. **D**
12. **A**