

- 1) Which expression is not equal to $(4 \times 5) \times 8$
 - $A. 15 \times 8$
 - $B.4 \times 40$
 - $C.4 \times (5 \times 8)$
 - D. 20×8
- 3) Which expression is not equal to $(5.000) \times 10^{-10}$
 - $(5 \times 6) \times 9$
 - A. 30×9
 - B. 24×9
 - C. 5×54
 - D. $5 \times (6 \times 9)$
- 5) Which expression is not equal to
 - $3 \times (6 \times 4)$
 - A. 3×24
 - B. 12×4
 - C. 18×4
 - D. $(3 \times 6) \times 4$
- 7) Which expression is not equal to
 - $10 \times (7 \times 9)$
 - A. $(10 \times 7) \times 9$
 - B. 70×9
 - $C.10 \times 63$
 - D. 77×9
- **9)** Which expression is not equal to
 - $(8 \times 3) \times 2$
 - A. 8×6
 - $B.27 \times 2$
 - C. $8 \times (3 \times 2)$
 - D. 24×2
- 11) Which expression is not equal to
 - $(3 \times 9) \times 7$
 - A. $3 \times (9 \times 7)$
 - $B.27 \times 7$
 - $C.36 \times 7$
 - D. 3×63

- 2) Which expression is not equal to
 - $(9 \times 8) \times 5$
 - A. 9×48
 - B. 72×5
 - $C.9 \times 40$
 - $D.9 \times (8 \times 5)$
- 4) Which expression is not equal to
 - $(3 \times 10) \times 7$
 - A. 3×70
 - B. $3 \times (10 \times 7)$
 - $C.3 \times 80$
 - D. 30×7
- 6) Which expression is not equal to
 - $9 \times (3 \times 2)$
 - A. $(9 \times 3) \times 2$
 - B. 9×3
 - $C.27 \times 2$
 - D. 9×6
- 8) Which expression is not equal to
 - $(~6\times2~)\times9$
 - A. 12×9
 - B. 6×18
 - C. $6 + (2 \times 9)$
 - D. $6 \times (2 \times 9)$
- **10**) Which expression is not equal to
 - $5 \times (4 \times 9)$
 - A. $(5+4) \times 9$
 - B. $(5 \times 4) \times 9$
 - $C.5 \times 36$
 - D. 20×9
- 12) Which expression is not equal to
 - $4 \times (5 \times 6)$
 - A. 20×6
 - B. $(4 \times 5) \times 6$
 - C. 15×6
 - D. 4×30

- 1. _____
- 3.
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____



- 1) Which expression is not equal to $(4 \times 5) \times 8$
 - A. 15×8
 - $B.4 \times 40$
 - $C.4 \times (5 \times 8)$
 - D. 20×8
- 3) Which expression is not equal to $(5 \times 6) \times 9$
 - $A.30 \times 9$

 - B. 24×9
 - $C.5 \times 54$
 - D. $5 \times (6 \times 9)$
- 5) Which expression is not equal to
 - $3 \times (6 \times 4)$
 - $A.3 \times 24$
 - B. 12×4
 - C. 18×4
 - D. $(3 \times 6) \times 4$
- 7) Which expression is not equal to
 - $10 \times (7 \times 9)$
 - A. $(10 \times 7) \times 9$
 - $B.70 \times 9$
 - $C.10 \times 63$
 - D. 77×9
- **9**) Which expression is not equal to
 - $(8 \times 3) \times 2$
 - $A.8 \times 6$
 - $B.27 \times 2$
 - $C.8 \times (3 \times 2)$
 - D. 24×2
- 11) Which expression is not equal to
 - $(3 \times 9) \times 7$
 - A. $3 \times (9 \times 7)$
 - $B.27 \times 7$
 - $C.36 \times 7$
 - D. 3×63

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

 - $A. 9 \times 48$
 - $B.72 \times 5$
 - $C.9 \times 40$
 - D. $9 \times (8 \times 5)$
- 4) Which expression is not equal to
 - $(3 \times 10) \times 7$
 - $A.3 \times 70$
 - B. $3 \times (10 \times 7)$
 - $C.3 \times 80$
 - D. 30×7
- 6) Which expression is not equal to
 - $9 \times (3 \times 2)$
 - A. $(9 \times 3) \times 2$
 - $B.9 \times 3$
 - $C.27 \times 2$
 - $D.9 \times 6$
- 8) Which expression is not equal to
 - $(6 \times 2) \times 9$
 - A. 12×9
 - B. 6×18
 - C. $6 + (2 \times 9)$
 - D. $6 \times (2 \times 9)$
- **10**) Which expression is not equal to
 - $5 \times (4 \times 9)$
 - A. $(5+4) \times 9$
 - B. $(5 \times 4) \times 9$
 - $C.5 \times 36$
 - D. 20×9
- 12) Which expression is not equal to
 - $4 \times (5 \times 6)$
 - A. 20×6
 - B. $(4 \times 5) \times 6$
 - C. 15×6
 - D. 4×30

- Answers



- 1) Which expression is not equal to $(6 \times 4) \times 10$
 - $A.6 \times 36$
 - B. 24×10
 - C. $6 \times (4 \times 10)$
 - D. 6×40
- 3) Which expression is not equal to $\frac{1}{2}$
 - $3 \times (9 \times 10)$
 - A. $(3 \times 9) \times 10$
 - $B.27 \times 10$
 - $C.18 \times 10$
 - D. 3×90
- 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
- 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
- **9)** Which expression is not equal to
 - $4 \times (9 \times 2)$
 - A. $(4 \times 9) \times 2$
 - $B.4 \times 18$
 - $C.36 \times 2$
 - D. 27×2
- 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. $6 + (7 \times 8)$

- **2)** Which expression is not equal to
 - $(8 \times 2) \times 10$
 - A. 16×10
 - $B.8 \times 20$
 - C. $8 \times (2 \times 10)$
 - D. $8 + (2 \times 10)$
- 4) Which expression is not equal to
 - $4 \times (2 \times 7)$
 - A. $(4 \times 2) \times 7$
 - B. 4×14
 - $C.8 \times 7$
 - D. 6×7
- 6) Which expression is not equal to
 - $10 \times (9 \times 5)$
 - A. 90×5
 - B. $(10 \times 9) \times 5$
 - C. $(10+9) \times 5$
 - $D.\ 10\times45$
- 8) Which expression is not equal to
 - $(7 \times 5) \times 9$
 - A. 35×9
 - B. $7 \times (5 \times 9)$
 - $C.7 \times 45$
 - D. $7 + (5 \times 9)$
- **10**) Which expression is not equal to
 - $3 \times (10 \times 7)$
 - A. $(3 \times 10) \times 7$
 - $\textbf{B.}~30\times7$
 - C. 3×70
 - D. 20×7
- 12) Which expression is not equal to
 - $(2 \times 8) \times 4$
 - A. $2 + (8 \times 4)$
 - B. 2×32
 - $C.2\times(8\times4)$
 - D. 16×4

- 1. _____
- 2
- 3.
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 3. _____
- 9.
- 10. _____
- 11. _____
- 12. _____



- 1) Which expression is not equal to $(6 \times 4) \times 10$
 - $A.6 \times 36$
 - B. 24×10
 - C. $6 \times (4 \times 10)$
 - D. 6×40
- 3) Which expression is not equal to $3 \times (9 \times 10)$
 - A. $(3 \times 9) \times 10$

 - $B.27 \times 10$
 - $C.18 \times 10$
 - D. 3×90
- 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
- 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
- 9) Which expression is not equal to
 - $4 \times (9 \times 2)$
 - A. $(4 \times 9) \times 2$
 - $B.4 \times 18$
 - $C.36 \times 2$
 - D. 27×2
- 11) Which expression is not equal to
 - $(6 \times 7) \times 8$
 - $A.42 \times 8$
 - B. $6 \times (7 \times 8)$
 - $C.6 \times 56$
 - D. $6 + (7 \times 8)$

- 2) Which expression is not equal to $(8 \times 2) \times 10$
 - A. 16×10
 - $B.8 \times 20$
 - C. $8 \times (2 \times 10)$
 - D. $8 + (2 \times 10)$
- 4) Which expression is not equal to
 - $4 \times (2 \times 7)$
 - A. $(4 \times 2) \times 7$
 - $B.4 \times 14$
 - $C.8 \times 7$
 - D. 6×7
- 6) Which expression is not equal to
 - $10 \times (9 \times 5)$
 - $A.90 \times 5$
 - B. $(10 \times 9) \times 5$
 - C. $(10+9) \times 5$
 - D. 10×45
- 8) Which expression is not equal to
 - $(7 \times 5) \times 9$
 - A. 35×9
 - B. $7 \times (5 \times 9)$
 - $C.7 \times 45$
 - D. $7 + (5 \times 9)$
- **10**) Which expression is not equal to
 - $3 \times (10 \times 7)$
 - A. $(3 \times 10) \times 7$
 - $B.30 \times 7$
 - $C.3 \times 70$
 - D. 20×7
- 12) Which expression is not equal to
 - $(2 \times 8) \times 4$
 - A. $2 + (8 \times 4)$
 - $B.2 \times 32$
 - $C.2 \times (8 \times 4)$
 - D. 16×4

- D

- D



- 1) Which expression is not equal to (5, 7)
 - $(5 \times 7) \times 2$
 - A. 5×14
 - B. $5 \times (7 \times 2)$
 - C. 5×21
 - D. 35×2
- 3) Which expression is not equal to
 - $5 \times (8 \times 6)$
 - A. $(5+8) \times 6$
 - B. 5×48
 - $C.40 \times 6$
 - D. $(5 \times 8) \times 6$
- 5) Which expression is not equal to
 - $(8 \times 5) \times 2$
 - A. 40×2
 - B. $8 \times (5 \times 2)$
 - $C.8 \times 10$
 - D. 35×2
- 7) Which expression is not equal to $(5 \times 7) \times 2$
 - (5×7) $\times 2$
 - A. 42×2
 - B. $5 \times (7 \times 2)$
 - $C.5 \times 14$
 - D. 35×2
- 9) Which expression is not equal to
 - $5 \times (7 \times 3)$
 - A. 28×3
 - B. $(5 \times 7) \times 3$
 - C. 5×21
 - D. 35×3
- 11) Which expression is not equal to
 - $(7 \times 10) \times 8$
 - A. 70×8
 - B. $7 \times (10 \times 8)$
 - $C.7 \times 80$
 - $D.60 \times 8$

- 2) Which expression is not equal to
 - $4 \times (10 \times 2)$
 - $A.4 \times 20$
 - B. $(4 \times 10) \times 2$
 - C. $(4 + 10) \times 2$
 - D. 40×2
- 4) Which expression is not equal to
 - $4 \times (5 \times 9)$
 - A. 15×9
 - B. $(4 \times 5) \times 9$
 - $C.4 \times 45$
 - D. 20×9
- 6) Which expression is not equal to
 - $10 \times (3 \times 9)$
 - A. 30×9
 - B. 10×27
 - C. $(10 + 3) \times 9$
 - D. $(10 \times 3) \times 9$
- 8) Which expression is not equal to
 - $2 \times (8 \times 4)$
 - A. $(2 \times 8) \times 4$
 - B. 16×4
 - $C.2 \times 32$
 - D. 2×40
- **10**) Which expression is not equal to
 - $2 \times (10 \times 4)$
 - A. 2×30
 - B. 2×40
 - C. 20×4
 - D. $(2 \times 10) \times 4$
- **12**) Which expression is not equal to
 - $9 \times (10 \times 5)$
 - A. 9×60
 - B. 9×50
 - C. $(9 \times 10) \times 5$
 - $D.90 \times 5$

- 1.
- - 3.
 - 4. _____
 - 5. _____
 - 6. _____
 - 7.
 - 8. _____
- 9. ____
- 10. _____
- 11. _____
- 12. _____



- 1) Which expression is not equal to $(5 \times 7) \times 2$
 - $A.5 \times 14$
 - B. $5 \times (7 \times 2)$
 - C. 5×21
 - D. 35×2
- 3) Which expression is not equal to
 - $5 \times (8 \times 6)$
 - A. $(5+8) \times 6$
 - B. 5×48
 - $C.40 \times 6$
 - D. $(5 \times 8) \times 6$
- 5) Which expression is not equal to
 - $(8 \times 5) \times 2$
 - $A.40 \times 2$
 - B. $8 \times (5 \times 2)$
 - $C.8 \times 10$
 - D. 35×2
- 7) Which expression is not equal to $(5 \times 7) \times 2$
 - $(3 \times 7) \times$
 - A. 42×2
 - B. $5 \times (7 \times 2)$
 - C. 5×14
 - D. 35×2
- 9) Which expression is not equal to
 - $5 \times (7 \times 3)$
 - A. 28×3
 - B. $(5 \times 7) \times 3$
 - C. 5×21
 - D. 35×3
- 11) Which expression is not equal to
 - $(7 \times 10) \times 8$
 - A. 70×8
 - B. $7 \times (10 \times 8)$
 - $C.7 \times 80$
 - D. 60×8

- **2)** Which expression is not equal to
 - $4 \times (10 \times 2)$
 - $A.4 \times 20$
 - B. $(4 \times 10) \times 2$
 - C. $(4 + 10) \times 2$
 - D. 40×2
- 4) Which expression is not equal to
 - $4 \times (5 \times 9)$
 - A. 15×9
 - B. $(4 \times 5) \times 9$
 - $C.4 \times 45$
 - D. 20×9
- **6)** Which expression is not equal to
 - $10 \times (3 \times 9)$
 - A. 30×9
 - B. 10×27
 - C. $(10 + 3) \times 9$
 - D. $(10 \times 3) \times 9$
- 8) Which expression is not equal to
 - $2 \times (8 \times 4)$
 - A. $(2 \times 8) \times 4$
 - B. 16×4
 - $C.2 \times 32$
 - D. 2×40
- **10**) Which expression is not equal to
 - $2 \times (10 \times 4)$
 - A. 2×30
 - B. 2×40
 - C. 20×4
 - D. $(2 \times 10) \times 4$
- **12**) Which expression is not equal to
 - $9 \times (10 \times 5)$
 - A. 9×60
 - $B.9 \times 50$
 - C. $(9 \times 10) \times 5$
 - D. 90×5

- **Answers**
- 1. **C**
- 2. <u>C</u>
- 3. **A**
- 5. **D**
- i. **C**
- 7. **A**
- 8. **D**
- 9. **A**
- 10. **A**
- 11. **D**
- 12. **A**



- 1) Which expression is not equal to $(8 \times 6) \times 4$
 - $A.8 \times 18$
 - $B.48 \times 4$
 - C. $8 \times (6 \times 4)$
 - D. 8×24
- 3) Which expression is not equal to

7	×	(9	×	2)
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- A. 72×2
- B. 63×2
- $C.7 \times 18$
- D. $(7 \times 9) \times 2$
- 5) Which expression is not equal to

$$3 \times (4 \times 5)$$

- A. $(3 \times 4) \times 5$
- B. 12×5
- C. $(3+4) \times 5$
- D. 3×20
- 7) Which expression is not equal to

$$10 \times (9 \times 6)$$

- A. $(10+9) \times 6$
- B. $(10 \times 9) \times 6$
- $C. 10 \times 54$
- D. 90×6
- **9)** Which expression is not equal to

$$(9 \times 2) \times 8$$

- A. $9 \times (2 \times 8)$
- $B.18 \times 8$
- $C.9 \times 16$
- D. $9 + (2 \times 8)$
- 11) Which expression is not equal to

$$(2 \times 6) \times 5$$

- A. 2×30
- $B.2 \times 36$
- C. 12×5
- D. $2 \times (6 \times 5)$

$$7 \times (3 \times 4)$$

- A. $(7 \times 3) \times 4$
- B. $(7+3) \times 4$
- $C.7 \times 12$
- D. 21×4
- 4) Which expression is not equal to

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

- A. 54×5
- B. $(6 \times 9) \times 5$
- $C.63 \times 5$
- D. 6×45
- 6) Which expression is not equal to

$$10 \times (7 \times 2)$$

- A. 10×14
- B. $(10 \times 7) \times 2$
- $C.77 \times 2$
- D. 70×2
- 8) Which expression is not equal to

$$(8 \times 9) \times 2$$

- A. 63×2
- B. 72×2
- $C.8 \times (9 \times 2)$
- D. 8×18
- 10) Which expression is not equal to

$$2 \times (10 \times 8)$$

- A. $(2 \times 10) \times 8$
- $B.2 \times 70$
- $C.20 \times 8$
- D. 2×80
- 12) Which expression is not equal to

$$3 \times (10 \times 7)$$

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

- 1. _____
- ,
- 3.
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 3. _____
- 9.
- 10. ____
- 11. _____
- 12. _____



Determine which choice is not an equivalent equation.

1) Which expression is not equal to $(8 \times 6) \times 4$

- $A.8 \times 18$
- $B.48 \times 4$
- C. $8 \times (6 \times 4)$
- D. 8×24
- 3) Which expression is not equal to $7 \times (9 \times 2)$
 - 1 ~ () ~ 2
 - A. 72×2
 - B. 63×2
 - $C.7 \times 18$
 - D. $(7 \times 9) \times 2$
- 5) Which expression is not equal to $\frac{1}{2}$
 - $3 \times (4 \times 5)$
 - A. $(3 \times 4) \times 5$
 - B. 12×5
 - C. $(3+4) \times 5$
 - D. 3×20
- 7) Which expression is not equal to
 - $10 \times (9 \times 6)$
 - A. $(10+9) \times 6$
 - B. $(10 \times 9) \times 6$
 - $C.10 \times 54$
 - D. 90×6
- **9)** Which expression is not equal to
 - $(9 \times 2) \times 8$
 - A. $9 \times (2 \times 8)$
 - $B.18 \times 8$
 - $C.9 \times 16$
 - D. $9 + (2 \times 8)$
- 11) Which expression is not equal to
 - $(2 \times 6) \times 5$
 - A. 2×30
 - $B.2 \times 36$
 - C. 12×5
 - D. $2 \times (6 \times 5)$

- 2) Which expression is not equal to
 - $7 \times (3 \times 4)$
 - A. $(7 \times 3) \times 4$
 - B. $(7+3) \times 4$
 - $C.7 \times 12$
 - D. 21×4
- **4)** Which expression is not equal to
 - $6 \times (9 \times 5)$
 - A. 54×5
 - B. $(6 \times 9) \times 5$
 - $C.63 \times 5$
 - D. 6×45
- 6) Which expression is not equal to
 - $10 \times (7 \times 2)$
 - A. 10×14
 - B. $(10 \times 7) \times 2$
 - $C.77 \times 2$
 - D. 70×2
- 8) Which expression is not equal to
 - $(8 \times 9) \times 2$
 - A. 63×2
 - B. 72×2
 - $C.8 \times (9 \times 2)$
 - D. 8×18
- **10**) Which expression is not equal to
 - $2 \times (10 \times 8)$
 - A. $(2 \times 10) \times 8$
 - $B.2 \times 70$
 - $C.20 \times 8$
 - $D.2 \times 80$
- 12) Which expression is not equal to
 - $3 \times (10 \times 7)$
 - A. $(3 + 10) \times 7$
 - $B.30 \times 7$
 - C. 3×70
 - D. $(3 \times 10) \times 7$

- 1. **A**
- 2. **B**
- 3. **A**
- . <u>C</u>
- **C**
- C
- 7. **A**
- 8. **A**
- 9. **D**
- 10. **B**
- 11. **B**
- 12. **A**



- 1) Which expression is not equal to $\begin{pmatrix} 2 & 4 \\ 1 & 2 \end{pmatrix}$
 - $(8 \times 4) \times 3$
 - A. $8 + (4 \times 3)$
 - B. 32×3
 - C. 8×12
 - D. $8 \times (4 \times 3)$
- 3) Which expression is not equal to

7	X	(8	X	10)
,	/\	•	O	/\	10	,

- A. $(7 \times 8) \times 10$
- $B.48 \times 10$
- $C.56 \times 10$
- D. 7×80
- 5) Which expression is not equal to

$$3 \times (4 \times 5)$$

- A. $(3 \times 4) \times 5$
- B. 3×20
- $C.3 \times 16$
- D. 12×5
- 7) Which expression is not equal to

$$(8 \times 5) \times 10$$

- A. $8 \times (5 \times 10)$
- B. $8 + (5 \times 10)$
- $C.8 \times 50$
- $D.40 \times 10$
- 9) Which expression is not equal to

$$10 \times (7 \times 9)$$

- A. 63×9
- B. $(10 \times 7) \times 9$
- C. 70×9
- D. 10×63
- 11) Which expression is not equal to

$$5 \times (9 \times 10)$$

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

$$(9 \times 6) \times 8$$

- A. $9 \times (6 \times 8)$
- B. 54×8
- $C.9 \times 48$
- D. 9×54
- 4) Which expression is not equal to

$$(7 \times 4) \times 9$$

- A. $7 \times (4 \times 9)$
- B. $7 + (4 \times 9)$
- $C.7 \times 36$
- D. 28×9
- 6) Which expression is not equal to

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

- A. $10 + (6 \times 8)$
- B. $10 \times (6 \times 8)$
- $C.60 \times 8$
- D. 10×48
- 8) Which expression is not equal to

$$(2 \times 5) \times 8$$

- A. $2 + (5 \times 8)$
- B. 10×8
- $C.2 \times 40$
- D. $2 \times (5 \times 8)$
- 10) Which expression is not equal to

$$3 \times (10 \times 6)$$

- A. $(3 \times 10) \times 6$
- $B.3 \times 60$
- C. 3×70
- D. 30×6
- **12**) Which expression is not equal to

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

- A. 4×3
- B. 4×6
- C. 12×2
- D. $4 \times (3 \times 2)$

- 1. _____
- 2
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7.
- 3. _____
- 9. ____
- 10.
- 11. _____
- 12. _____



- 1) Which expression is not equal to $(8 \times 4) \times 3$
 - A. $8 + (4 \times 3)$
 - B. 32×3
 - $C.8 \times 12$
 - D. $8 \times (4 \times 3)$
- 3) Which expression is not equal to $\frac{7}{3}$
 - $7 \times (8 \times 10)$
 - A. $(7 \times 8) \times 10$
 - $B.48 \times 10$
 - $C.56 \times 10$
 - D. 7×80
- 5) Which expression is not equal to
 - $3 \times (4 \times 5)$
 - A. $(3 \times 4) \times 5$
 - B. 3×20
 - $C.3 \times 16$
 - D. 12×5
- 7) Which expression is not equal to $(8 \times 5) \times 10$
 - $(8 \times 5) \times 10$
 - A. $8 \times (5 \times 10)$
 - B. $8 + (5 \times 10)$
 - C. 8×50
 - D. 40×10
- **9)** Which expression is not equal to
 - $10 \times (7 \times 9)$
 - A. 63×9
 - B. $(10 \times 7) \times 9$
 - C. 70×9
 - D. 10×63
- 11) Which expression is not equal to
 - $5 \times (9 \times 10)$
 - A. 5×90
 - B. $(5 \times 9) \times 10$
 - C. $(5+9) \times 10$
 - $D.45 \times 10$

- **2)** Which expression is not equal to
 - $(9 \times 6) \times 8$
 - A. $9 \times (6 \times 8)$
 - B. 54×8
 - $C.9 \times 48$
 - D. 9×54
- 4) Which expression is not equal to
 - $(7 \times 4) \times 9$
 - A. $7 \times (4 \times 9)$
 - B. $7 + (4 \times 9)$
 - $C.7 \times 36$
 - D. 28×9
- 6) Which expression is not equal to
 - $(10 \times 6) \times 8$
 - A. $10 + (6 \times 8)$
 - B. $10 \times (6 \times 8)$
 - $C.60 \times 8$
 - D. 10×48
- **8**) Which expression is not equal to
 - $(2 \times 5) \times 8$
 - A. $2 + (5 \times 8)$
 - $B.10 \times 8$
 - $C.2 \times 40$
 - D. $2 \times (5 \times 8)$
- **10**) Which expression is not equal to
 - $3 \times (10 \times 6)$
 - A. $(3 \times 10) \times 6$
 - B. 3×60
 - C. 3×70
 - D. 30×6
- **12**) Which expression is not equal to
 - $(4 \times 3) \times 2$
 - A. 4×3
 - $B.4 \times 6$
 - C. 12×2
 - D. $4 \times (3 \times 2)$

- 1. **A**
- 2. **D**
- 3. **B**
- 4. **B**
- . **C**
- 6. **A**
- . <u>B</u>
- 8. **A**
- 9. **A**
- 0. **C**
- 11. **C**
- 12. **A**



- 1) Which expression is not equal to $5 \times (9 \times 3)$
 - A. 36×3
 - B. $(5 \times 9) \times 3$
 - $C.5 \times 27$
 - D. 45×3
- 3) Which expression is not equal to $(0 \times 7) \times 8$
 - $(9 \times 7) \times 8$
 - A. 63×8
 - B. $9 \times (7 \times 8)$
 - C. 9×49
 - $D.9 \times 56$
- 5) Which expression is not equal to
 - $9 \times (2 \times 7)$
 - A. $(9 \times 2) \times 7$
 - B. 18×7
 - $C.9 \times 14$
 - $D.9 \times 16$
- 7) Which expression is not equal to
 - $(9 \times 10) \times 8$
 - $A.9 \times (10 \times 8)$
 - $B.90 \times 8$
 - C. 100×8
 - D. 9×80
- **9)** Which expression is not equal to
 - $(3 \times 9) \times 4$
 - A. $3 \times (9 \times 4)$
 - $B.3 \times 36$
 - C. 36×4
 - D. 27×4
- 11) Which expression is not equal to
 - $(10 \times 7) \times 9$
 - A. $10 \times (7 \times 9)$
 - $B.10 \times 70$
 - C. 70×9
 - D. 10×63

- **2)** Which expression is not equal to
 - $(7 \times 9) \times 4$
 - A. 7×36
 - B. $7 + (9 \times 4)$
 - C. 63×4
 - D. $7 \times (9 \times 4)$
- 4) Which expression is not equal to
 - $(4 \times 10) \times 6$
 - A. $4 \times (10 \times 6)$
 - B. 40×6
 - $C.4 \times 60$
 - D. 50×6
- 6) Which expression is not equal to
 - $6 \times (5 \times 4)$
 - A. $(6 \times 5) \times 4$
 - B. 6×20
 - $C.30 \times 4$
 - D. 6×15
- 8) Which expression is not equal to
 - $9 \times (4 \times 3)$
 - A. 36×3
 - B. 40×3
 - $C.9 \times 12$
 - D. $(9 \times 4) \times 3$
- **10**) Which expression is not equal to
 - $(2 \times 9) \times 3$
 - A. 2×27
 - B. $2 \times (9 \times 3)$
 - C. 18×3
 - $D.2 \times 18$
- **12**) Which expression is not equal to
 - $(9 \times 8) \times 2$
 - $A.9 \times 16$
 - $B.80 \times 2$
 - $C.72 \times 2$
 - D. $9 \times (8 \times 2)$

- 1.
- 2
- 3. _____
- 4. _____
 - . ____
- 6. _____
- 7. _____
- 8.
- 9. _____
- 10. _____
- 11. _____
- 12. _____



- 1) Which expression is not equal to $5 \times (9 \times 3)$
 - A. 36×3
 - B. $(5 \times 9) \times 3$
 - C. 5×27
 - D. 45×3
- 3) Which expression is not equal to $(9 \times 7) \times 8$
 - $A.63 \times 8$
 - B. $9 \times (7 \times 8)$
 - $C.9 \times 49$
 - $D.9 \times 56$
- 5) Which expression is not equal to
 - $9 \times (2 \times 7)$
 - A. $(9 \times 2) \times 7$
 - B. 18×7
 - $C.9 \times 14$
 - $D.9 \times 16$
- 7) Which expression is not equal to
 - $(9 \times 10) \times 8$
 - A. $9 \times (10 \times 8)$
 - $B.90 \times 8$
 - $C.100 \times 8$
 - D. 9×80
- 9) Which expression is not equal to
 - $(3 \times 9) \times 4$
 - A. $3 \times (9 \times 4)$
 - $B.3 \times 36$
 - $C.36 \times 4$
 - D. 27×4
- 11) Which expression is not equal to
 - $(10 \times 7) \times 9$
 - A. $10 \times (7 \times 9)$
 - B. 10×70
 - $C.70 \times 9$
 - D. 10×63

- 2) Which expression is not equal to $(7 \times 9) \times 4$
 - $A.7 \times 36$

 - B. $7 + (9 \times 4)$
 - C. 63×4
 - D. $7 \times (9 \times 4)$
- 4) Which expression is not equal to
 - $(4 \times 10) \times 6$
 - A. $4 \times (10 \times 6)$
 - $B.40 \times 6$
 - $C.4 \times 60$
 - $D.50 \times 6$
- 6) Which expression is not equal to
 - $6 \times (5 \times 4)$
 - A. $(6 \times 5) \times 4$
 - B. 6×20
 - $C.30 \times 4$
 - D. 6×15
- 8) Which expression is not equal to
 - $9 \times (4 \times 3)$
 - A. 36×3
 - $B.40 \times 3$
 - $C.9 \times 12$
 - D. $(9 \times 4) \times 3$
- **10**) Which expression is not equal to
 - $(2 \times 9) \times 3$
 - A. 2×27
 - B. $2 \times (9 \times 3)$
 - $C.18 \times 3$
 - $D.2 \times 18$
- 12) Which expression is not equal to
 - $(9 \times 8) \times 2$
 - $A.9 \times 16$
 - $B.80 \times 2$
 - $C.72 \times 2$
 - D. $9 \times (8 \times 2)$

- Answers

 - B



- 1) Which expression is not equal to $5 \times (8 \times 7)$
 - A. 40×7
 - A. 40 × /
 - B. 5×48
 - $C.5 \times 56$
 - D. $(5 \times 8) \times 7$
- 3) Which expression is not equal to
 - $(6 \times 10) \times 5$
 - A. 60×5
 - B. 6×60
 - C. 6×50
 - D. $6 \times (10 \times 5)$
- 5) Which expression is not equal to
 - $(5 \times 9) \times 3$
 - A. $5 \times (9 \times 3)$
 - B. $5 + (9 \times 3)$
 - $C.5 \times 27$
 - D. 45×3
- 7) Which expression is not equal to
 - $3 \times (2 \times 4)$
 - $A.3 \times 8$
 - B. 6×4
 - C. $(3 \times 2) \times 4$
 - D. 3×6
- 9) Which expression is not equal to
 - $(10 \times 7) \times 4$
 - A. $10 \times (7 \times 4)$
 - $B.10 \times 28$
 - $C.70 \times 4$
 - D. $10 + (7 \times 4)$
- 11) Which expression is not equal to
 - $9 \times (5 \times 6)$
 - $A. 9 \times 35$
 - B. $(9 \times 5) \times 6$
 - $C.9 \times 30$
 - D. 45×6

- 2) Which expression is not equal to
 - $4 \times (5 \times 6)$
 - A. $(4 \times 5) \times 6$
 - B. 20×6
 - $C.25 \times 6$
 - D. 4×30
- 4) Which expression is not equal to

$$(7 \times 5) \times 6$$

- A. 7×35
- B. 35×6
- C. $7 \times (5 \times 6)$
- D. 7×30
- 6) Which expression is not equal to
 - $8 \times (4 \times 7)$
 - A. 32×7
 - B. 36×7
 - C. $(8 \times 4) \times 7$
 - D. 8×28
- 8) Which expression is not equal to

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

- A. 8×15
- B. 40×4
- C. $(8 \times 5) \times 4$
- D. 8×20
- **10**) Which expression is not equal to

$$5 \times (10 \times 4)$$

- A. 5×40
- B. 5×30
- C. 50×4
- D. $(5 \times 10) \times 4$
- 12) Which expression is not equal to
 - $(8 \times 5) \times 6$
 - A. 8×30
 - B. $8 \times (5 \times 6)$
 - C. $8 + (5 \times 6)$
 - D. 40×6

- 1.
- 2
 - 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8.
- 9. ____
- 10. ____
- 11. _____
- 12. _____



- 1) Which expression is not equal to $5 \times (8 \times 7)$
 - $A.40 \times 7$
 - $B.5 \times 48$
 - C. 5×56
 - D. $(5 \times 8) \times 7$
- 3) Which expression is not equal to $(6 \times 10) \times 5$
 - $A.60 \times 5$
 - B. 6×60
 - C. 6×50
 - D. $6 \times (10 \times 5)$
- 5) Which expression is not equal to $(5.10) \times 2$
 - $(5 \times 9) \times 3$
 - A. $5 \times (9 \times 3)$
 - B. $5 + (9 \times 3)$
 - $C.5 \times 27$
 - D. 45×3
- 7) Which expression is not equal to $3 \times (2 \times 4)$
 - 3 ^ (2 ^ 4
 - A. 3×8
 - B. 6×4
 - C. $(3 \times 2) \times 4$
 - D. 3×6
- 9) Which expression is not equal to
 - $(10 \times 7) \times 4$
 - A. $10 \times (7 \times 4)$
 - B. 10×28
 - $C.70 \times 4$
 - D. $10 + (7 \times 4)$
- 11) Which expression is not equal to
 - $9 \times (5 \times 6)$
 - $A. 9 \times 35$
 - B. $(9 \times 5) \times 6$
 - $C.9 \times 30$
 - D. 45×6

- 2) Which expression is not equal to
 - $4 \times (5 \times 6)$
 - A. $(4 \times 5) \times 6$
 - B. 20×6
 - $C.25 \times 6$
 - D. 4×30
- 4) Which expression is not equal to

$$(7 \times 5) \times 6$$

- A. 7×35
- B. 35×6
- C. $7 \times (5 \times 6)$
- D. 7×30
- 6) Which expression is not equal to
 - $8 \times (4 \times 7)$
 - A. 32×7
 - B. 36×7
 - C. $(8 \times 4) \times 7$
 - D. 8×28
- 8) Which expression is not equal to
 - $8 \times (5 \times 4)$
 - A. 8×15
 - $B.40 \times 4$
 - C. $(8 \times 5) \times 4$
 - D. 8×20
- **10**) Which expression is not equal to
 - $5 \times (10 \times 4)$
 - A. 5×40
 - $B.5 \times 30$
 - C. 50×4
 - D. $(5 \times 10) \times 4$
- **12**) Which expression is not equal to
 - $(8 \times 5) \times 6$
 - A. 8×30
 - B. $8 \times (5 \times 6)$
 - C. $8 + (5 \times 6)$
 - D. 40×6

- **Answers**
- 1. **B**
- 2. **C**
- \mathbf{B}
- . <u>A</u>
- 5. **B**
- 5. **B**
- 7. **D**
- 8. **A**
- 9. **D**
- 10. **_____B**_
- 11. **A**



- 1) Which expression is not equal to $\begin{pmatrix} 2 & 6 \\ \end{pmatrix}$
 - $(3 \times 6) \times 9$
 - A. $3 \times (6 \times 9)$
 - B. 12×9
 - C. 18×9
 - D. 3×54
- 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
- 5) Which expression is not equal to
 - $(8 \times 7) \times 10$
 - A. $8 \times (7 \times 10)$
 - B. 56×10
 - $C.8 \times 70$
 - D. 8×77
- 7) Which expression is not equal to
 - $2 \times (3 \times 6)$
 - $A.2 \times 18$
 - B. 6×6
 - C. $(2+3) \times 6$
 - D. $(2 \times 3) \times 6$
- 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. $5 + (3 \times 7)$
- 11) Which expression is not equal to
 - $10 \times (7 \times 3)$
 - A. $(10 \times 7) \times 3$
 - B. 10×21
 - $C.70 \times 3$
 - D. 63×3

- 2) Which expression is not equal to
 - $6 \times (10 \times 3)$
 - A. 6×20
 - B. $(6 \times 10) \times 3$
 - $C.60 \times 3$
 - D. 6×30
- 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
- 6) Which expression is not equal to
 - $(5 \times 10) \times 4$
 - A. 50×4
 - B. $5 + (10 \times 4)$
 - C. 5×40
 - D. $5 \times (10 \times 4)$
- **8)** Which expression is not equal to
 - $9 \times (2 \times 10)$
 - A. 18×10
 - $B.9 \times 18$
 - $C.9 \times 20$
 - D. $(9 \times 2) \times 10$
- **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
- **12**) Which expression is not equal to
 - $10 \times (5 \times 6)$
 - A. 10×30
 - B. $(10 \times 5) \times 6$
 - $C.50 \times 6$
 - D. $(10+5) \times 6$

- 1.
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____



Determine which choice is not an equivalent equation.

1) Which expression is not equal to $(3 \times 6) \times 9$

$$\lambda 3 \times (6 \times 0)$$

A.
$$3 \times (6 \times 9)$$

B.
$$12 \times 9$$

C.
$$18 \times 9$$

D.
$$3 \times 54$$

3) Which expression is not equal to

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

A.
$$5 \times 6$$

$$B.5 \times 8$$

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

D.
$$10 \times 3$$

5) Which expression is not equal to

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

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

$$B.\ 56\times 10$$

$$C.8 \times 70$$

D.
$$8 \times 77$$

7) Which expression is not equal to

$$2 \times (3 \times 6)$$

$$A.2 \times 18$$

B.
$$6 \times 6$$

C.
$$(2+3) \times 6$$

D.
$$(2 \times 3) \times 6$$

9) Which expression is not equal to

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

A.
$$5 \times 21$$

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

C.
$$15 \times 7$$

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

11) Which expression is not equal to

$$10 \times (7 \times 3)$$

A.
$$(10 \times 7) \times 3$$

B.
$$10 \times 21$$

$$C.70 \times 3$$

D.
$$63 \times 3$$

2) Which expression is not equal to

$$6 \times (10 \times 3)$$

A.
$$6 \times 20$$

B.
$$(6 \times 10) \times 3$$

$$C.60 \times 3$$

D.
$$6 \times 30$$

4) Which expression is not equal to

$$6 \times (9 \times 2)$$

A.
$$(6 \times 9) \times 2$$

B.
$$(6+9) \times 2$$

$$C.54 \times 2$$

D.
$$6 \times 18$$

6) Which expression is not equal to

$$(5 \times 10) \times 4$$

A.
$$50 \times 4$$

B.
$$5 + (10 \times 4)$$

$$C.5 \times 40$$

D.
$$5 \times (10 \times 4)$$

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

A.
$$18 \times 10$$

B.
$$9 \times 18$$

C.
$$9 \times 20$$

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

10) Which expression is not equal to

$$(3 \times 10) \times 6$$

A.
$$3 \times (10 \times 6)$$

$$B.\ 20\times 6$$

$$C.3 \times 60$$

D.
$$30 \times 6$$

12) Which expression is not equal to

$$10 \times (5 \times 6)$$

A.
$$10 \times 30$$

B.
$$(10 \times 5) \times 6$$

C.
$$50 \times 6$$

D.
$$(10 + 5) \times 6$$

Answers

$$\mathbf{D}$$



- 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
- 3) Which expression is not equal to
 - $2 \times (9 \times 5)$
 - A. 18×5
 - B. 27×5
 - C. $(2 \times 9) \times 5$
 - $D.2 \times 45$
- 5) Which expression is not equal to
 - $2 \times (3 \times 9)$
 - $A.2 \times 30$
 - B. $(2 \times 3) \times 9$
 - $C.2 \times 27$
 - D. 6×9
- 7) Which expression is not equal to $(2 \times 2) \times 8$
 - $(2 \times 3) \times 8$
 - A. 6×8
 - B. $2 \times (3 \times 8)$
 - C. $2 + (3 \times 8)$
 - D. 2×24
- 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
- 11) Which expression is not equal to
 - $(7 \times 8) \times 6$
 - A. 7×48
 - B. 7×40
 - C. 56×6
 - D. $7 \times (8 \times 6)$

- 2) Which expression is not equal to
 - $8 \times (3 \times 5)$
 - A. $(8 \times 3) \times 5$
 - B. 24×5
 - $C.8 \times 15$
 - D. $(8+3) \times 5$
- 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
- 6) Which expression is not equal to
 - $(6 \times 8) \times 4$
 - A. $6 \times (8 \times 4)$
 - B. 48×4
 - $C.56 \times 4$
 - D. 6×32
- **8)** Which expression is not equal to
 - $(4 \times 6) \times 3$
 - A. 4×18
 - B. 24×3
 - $C.4 \times 24$
 - D. $4 \times (6 \times 3)$
- **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. $(3+2) \times 9$
- 12) Which expression is not equal to
 - $10 \times (6 \times 5)$
 - A. $(10+6) \times 5$
 - B. $(10 \times 6) \times 5$
 - $C.60 \times 5$
 - D. 10×30

- 1.
- - 3.
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. ____
- 10. _____
- 11. _____
- 12. _____



- 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
- 3) Which expression is not equal to $2 \cdot (0 \cdot (5))$
 - $2 \times (9 \times 5)$
 - A. 18×5
 - B. 27×5
 - C. $(2 \times 9) \times 5$
 - $D.2 \times 45$
- 5) Which expression is not equal to
 - $2 \times (3 \times 9)$
 - $A.2 \times 30$
 - B. $(2 \times 3) \times 9$
 - $C.2 \times 27$
 - D. 6×9
- 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
- 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
- 11) Which expression is not equal to
 - $(7 \times 8) \times 6$
 - A. 7×48
 - B. 7×40
 - C. 56×6
 - D. $7 \times (8 \times 6)$

- 2) Which expression is not equal to
 - $8 \times (3 \times 5)$
 - A. $(8 \times 3) \times 5$
 - B. 24×5
 - $C.8 \times 15$
 - D. $(8+3) \times 5$
- 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
- 6) Which expression is not equal to
 - $(6 \times 8) \times 4$
 - A. $6 \times (8 \times 4)$
 - B. 48×4
 - $C.56 \times 4$
 - D. 6×32
- **8)** Which expression is not equal to
 - $(\,4\times 6\,)\times 3$
 - A. 4×18
 - B. 24×3
 - $C.4 \times 24$
 - D. $4 \times (6 \times 3)$
- **10**) Which expression is not equal to
 - $3 \times (2 \times 9)$
 - A. 6×9
 - $B.3 \times 18$
 - C. $(3 \times 2) \times 9$
 - D. $(3+2) \times 9$
- 12) Which expression is not equal to
 - $10 \times (6 \times 5)$
 - A. $(10+6) \times 5$
 - B. $(10 \times 6) \times 5$
 - $C.60 \times 5$
 - D. 10×30

- 1. **C**
- **D**
- B. **B**
- . <u>B</u>
- 5. **A**
- 6. **C**
- . **C**
- 8. **C**
- 9. **B**
- 10. **D**
- 11. **B**
- 12. **A**



- 1) Which expression is not equal to $4 \times (2 \times 10)$
 - A. 10×10
 - B. $(4 \times 2) \times 10$
 - C. 8×10
 - D. 4×20
- 3) Which expression is not equal to

$$8 \times (9 \times 7)$$

- A. $(8 \times 9) \times 7$
- B. 72×7
- C. $(8+9) \times 7$
- D. 8×63
- 5) Which expression is not equal to

$$4 \times (6 \times 2)$$

- $A.4 \times 18$
- B. $(4 \times 6) \times 2$
- $C.4 \times 12$
- D. 24×2
- 7) Which expression is not equal to $(5.08) \times 6$

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

- A. 5×48
- B. 32×6
- C. $5 \times (8 \times 6)$
- D. 40×6
- **9**) Which expression is not equal to

$$4 \times (6 \times 9)$$

- A. $(4+6) \times 9$
- B. $(4 \times 6) \times 9$
- C. 24×9
- D. 4×54
- 11) Which expression is not equal to

$$8 \times (7 \times 3)$$

- A. 8×21
- $B.49 \times 3$
- C. 56×3
- D. $(8 \times 7) \times 3$

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

- A. $2 \times (3 \times 4)$
- B. 6×4
- $C.2 \times 9$
- D. 2×12
- 4) Which expression is not equal to

$$9 \times (7 \times 3)$$

- A. $(9 \times 7) \times 3$
- B. 63×3
- C. $(9+7) \times 3$
- D. 9×21
- 6) Which expression is not equal to

$$3 \times (9 \times 6)$$

- A. 27×6
- B. 3×54
- C. $(3 \times 9) \times 6$
- D. $(3+9) \times 6$
- 8) Which expression is not equal to

$$(6 \times 5) \times 7$$

- A. 6×40
- B. 6×35
- C. $6 \times (5 \times 7)$
- D. 30×7
- **10**) Which expression is not equal to

$$5 \times (6 \times 10)$$

- A. 30×10
- B. $(5 \times 6) \times 10$
- C. 5×60
- D. 36×10
- **12**) Which expression is not equal to

$$(4 \times 2) \times 7$$

- A. 4×12
- B. $4 \times (2 \times 7)$
- $C.8 \times 7$
- $D.4 \times 14$

- 1. _____
- 3.
- 4. _____
- 5.
- 6. _____
- 7. _____
- 3.
- 9. ____
- 10. _____
- 11. _____
- 12. _____



Determine which choice is not an equivalent equation.

1) Which expression is not equal to $4 \times (2 \times 10)$

A.
$$10 \times 10$$

B.
$$(4 \times 2) \times 10$$

C.
$$8 \times 10$$

D.
$$4 \times 20$$

3) Which expression is not equal to

$$8 \times (9 \times 7)$$

A.
$$(8 \times 9) \times 7$$

B.
$$72 \times 7$$

C.
$$(8+9) \times 7$$

D.
$$8 \times 63$$

5) Which expression is not equal to

$$4 \times (6 \times 2)$$

$$A.4 \times 18$$

B.
$$(4 \times 6) \times 2$$

$$C.4 \times 12$$

D.
$$24 \times 2$$

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

A.
$$5 \times 48$$

B.
$$32 \times 6$$

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

D.
$$40 \times 6$$

9) Which expression is not equal to

$$4 \times (6 \times 9)$$

A.
$$(4+6) \times 9$$

B.
$$(4 \times 6) \times 9$$

C.
$$24 \times 9$$

D.
$$4 \times 54$$

11) Which expression is not equal to

$$8 \times (7 \times 3)$$

A.
$$8 \times 21$$

$$B.49 \times 3$$

C.
$$56 \times 3$$

D.
$$(8 \times 7) \times 3$$

2) Which expression is not equal to

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

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

B.
$$6 \times 4$$

$$C.2 \times 9$$

D.
$$2 \times 12$$

4) Which expression is not equal to

$$9 \times (7 \times 3)$$

A.
$$(9 \times 7) \times 3$$

B.
$$63 \times 3$$

C.
$$(9+7) \times 3$$

$$D.9 \times 21$$

6) Which expression is not equal to

$$3 \times (9 \times 6)$$

A.
$$27 \times 6$$

$$B.3 \times 54$$

C.
$$(3 \times 9) \times 6$$

D.
$$(3+9) \times 6$$

8) Which expression is not equal to

$$(6 \times 5) \times 7$$

A.
$$6 \times 40$$

B.
$$6 \times 35$$

C.
$$6 \times (5 \times 7)$$

D.
$$30 \times 7$$

10) Which expression is not equal to

$$5 \times (6 \times 10)$$

$$A.30 \times 10$$

B.
$$(5 \times 6) \times 10$$

C.
$$5 \times 60$$

D.
$$36 \times 10$$

$$(4 \times 2) \times 7$$

A.
$$4 \times 12$$

B.
$$4 \times (2 \times 7)$$

C.
$$8 \times 7$$

$$D.4 \times 14$$

- 1. **A**
- 2. **C**
- 3. **C**
- 1. <u>C</u>
- 5. **A**
- \mathbf{D}
- . <u>B</u>
- 8. **A**
- 9. **A**
 - 0. **D**
- 11. **B**
- 12. **A**