



Determine which choice is not an equivalent equation.

**Answers**

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

- A.  $6 \times 40$
- B.  $6 \times (10 \times 4)$
- C.  $6 + (10 \times 4)$
- D.  $60 \times 4$

2) Which expression is not equal to  $8 \times (3 \times 5)$

- A.  $(8 \times 3) \times 5$
- B.  $24 \times 5$
- C.  $8 \times 15$
- D.  $(8 + 3) \times 5$

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

- A.  $18 \times 5$
- B.  $27 \times 5$
- C.  $(2 \times 9) \times 5$
- D.  $2 \times 45$

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

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

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.  $6 \times 9$

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

- A.  $6 \times (8 \times 4)$
- B.  $48 \times 4$
- C.  $56 \times 4$
- D.  $6 \times 32$

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

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

8) Which expression is not equal to  $(4 \times 6) \times 3$

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

9) Which expression is not equal to  $(3 \times 6) \times 4$

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

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

- A.  $6 \times 9$
- B.  $3 \times 18$
- C.  $(3 \times 2) \times 9$
- D.  $(3 + 2) \times 9$

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

- A.  $7 \times 48$
- B.  $7 \times 40$
- C.  $56 \times 6$
- 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.  $60 \times 5$
- D.  $10 \times 30$

- 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.  $6 \times 40$
- B.  $6 \times (10 \times 4)$
- C.  $6 + (10 \times 4)$
- D.  $60 \times 4$

2) Which expression is not equal to  $8 \times (3 \times 5)$

- A.  $(8 \times 3) \times 5$
- B.  $24 \times 5$
- C.  $8 \times 15$
- D.  $(8 + 3) \times 5$

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

- A.  $18 \times 5$
- B.  $27 \times 5$
- C.  $(2 \times 9) \times 5$
- D.  $2 \times 45$

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

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

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.  $6 \times 9$

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

- A.  $6 \times (8 \times 4)$
- B.  $48 \times 4$
- C.  $56 \times 4$
- D.  $6 \times 32$

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

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

8) Which expression is not equal to  $(4 \times 6) \times 3$

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

9) Which expression is not equal to  $(3 \times 6) \times 4$

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

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

- A.  $6 \times 9$
- B.  $3 \times 18$
- C.  $(3 \times 2) \times 9$
- D.  $(3 + 2) \times 9$

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

- A.  $7 \times 48$
- B.  $7 \times 40$
- C.  $56 \times 6$
- 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.  $60 \times 5$
- D.  $10 \times 30$

1.     **C**    

2.     **D**    

3.     **B**    

4.     **B**    

5.     **A**    

6.     **C**    

7.     **C**    

8.     **C**    

9.     **B**    

10.     **D**    

11.     **B**    

12.     **A**