

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

- 1) Which expression is not equal to

$6 \times (4 \times 9)$

- A.  $24 \times 9$   
B.  $(6 + 4) \times 9$   
C.  $(6 \times 4) \times 9$   
D.  $6 \times 36$

- 2) Which expression is not equal to

$(4 \times 3) \times 8$

- A.  $4 \times 24$   
B.  $12 \times 8$   
C.  $4 \times 27$   
D.  $4 \times (3 \times 8)$

- 3) Which expression is not equal to

$2 \times (10 \times 9)$

- A.  $(2 \times 10) \times 9$   
B.  $20 \times 9$   
C.  $(2 + 10) \times 9$   
D.  $2 \times 90$

- 4) Which expression is not equal to

$(7 \times 4) \times 9$

- A.  $7 \times (4 \times 9)$   
B.  $28 \times 9$   
C.  $24 \times 9$   
D.  $7 \times 36$

- 5) Which expression is not equal to

$(6 \times 7) \times 10$

- A.  $6 \times (7 \times 10)$   
B.  $42 \times 10$   
C.  $6 \times 63$   
D.  $6 \times 70$

- 6) Which expression is not equal to

$7 \times (8 \times 10)$

- A.  $64 \times 10$   
B.  $7 \times 80$   
C.  $56 \times 10$   
D.  $(7 \times 8) \times 10$

- 7) Which expression is not equal to

$(2 \times 3) \times 6$

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

- 8) Which expression is not equal to

$10 \times (5 \times 8)$

- A.  $50 \times 8$   
B.  $45 \times 8$   
C.  $(10 \times 5) \times 8$   
D.  $10 \times 40$

- 9) Which expression is not equal to

$(10 \times 6) \times 5$

- A.  $10 \times (6 \times 5)$   
B.  $10 \times 30$   
C.  $66 \times 5$   
D.  $60 \times 5$

- 10) Which expression is not equal to

$(7 \times 6) \times 3$

- A.  $7 \times (6 \times 3)$   
B.  $42 \times 3$   
C.  $7 + (6 \times 3)$   
D.  $7 \times 18$

- 11) Which expression is not equal to

$9 \times (5 \times 6)$

- A.  $45 \times 6$   
B.  $(9 \times 5) \times 6$   
C.  $9 \times 35$   
D.  $9 \times 30$

- 12) Which expression is not equal to

$9 \times (6 \times 2)$

- A.  $(9 \times 6) \times 2$   
B.  $(9 + 6) \times 2$   
C.  $54 \times 2$   
D.  $9 \times 12$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

