

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to

$(5 \times 4) \times 10$

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

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

C.  $5 + (4 + 10)$

D.  $(5 + 4) + 10$

- 2) Which expression is equal to

$(9 \times 2) \times 10$

A.  $(9 + 2) \times 10$

B.  $9 \times (2 + 10)$

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

D.  $(9 + 2) + 10$

- 3) Which expression is equal to

$10 \times (2 \times 1)$

A.  $(10 + 2) \times 1$

B.  $10 \times (2 + 1)$

C.  $(10 + 2) + 1$

D.  $(10 \times 2) \times 1$

- 4) Which expression is equal to

$0 \times (1 \times 5)$

A.  $0 + (1 + 5)$

B.  $0 + (1 \times 5)$

C.  $(0 \times 1) \times 5$

D.  $(0 \times 1) + 5$

- 5) Which expression is equal to

$(3 \times 1) \times 6$

A.  $3 \times (1 + 6)$

B.  $3 \times (1 \times 6)$

C.  $(3 + 1) + 6$

D.  $3 + (1 + 6)$

- 6) Which expression is equal to

$(7 \times 5) \times 6$

A.  $(7 + 5) \times 6$

B.  $(7 + 5) + 6$

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

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

- 7) Which expression is equal to

$10 \times (9 \times 0)$

A.  $(10 + 9) \times 0$

B.  $10 \times (9 + 0)$

C.  $(10 \times 9) + 0$

D.  $(10 \times 9) \times 0$

- 8) Which expression is equal to

$2 \times (3 \times 7)$

A.  $(2 \times 3) \times 7$

B.  $2 \times (3 + 7)$

C.  $2 + (3 \times 7)$

D.  $(2 + 3) \times 7$

- 9) Which expression is equal to

$4 \times (0 \times 10)$

A.  $(4 \times 0) \times 10$

B.  $4 \times (0 + 10)$

C.  $(4 \times 0) + 10$

D.  $(4 + 0) + 10$

- 10) Which expression is equal to

$(7 \times 4) \times 3$

A.  $7 + (4 + 3)$

B.  $7 + (4 \times 3)$

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

D.  $(7 + 4) + 3$

- 11) Which expression is equal to

$(0 \times 6) \times 10$

A.  $0 + (6 \times 10)$

B.  $0 + (6 + 10)$

C.  $0 \times (6 \times 10)$

D.  $(0 + 6) \times 10$

- 12) Which expression is equal to

$2 \times (0 \times 5)$

A.  $(2 \times 0) + 5$

B.  $2 + (0 + 5)$

C.  $(2 + 0) \times 5$

D.  $(2 \times 0) \times 5$

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

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

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

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

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

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

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

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

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

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

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

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

**Determine which choice is an equivalent equation.****Answers**

1) Which expression is equal to  $(5 \times 4) \times 10$

- A.  $5 \times (4 \times 10)$   
B.  $5 + (4 \times 10)$   
C.  $5 + (4 + 10)$   
D.  $(5 + 4) + 10$

2) Which expression is equal to  $(9 \times 2) \times 10$

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

3) Which expression is equal to  $10 \times (2 \times 1)$

- A.  $(10 + 2) \times 1$   
B.  $10 \times (2 + 1)$   
C.  $(10 + 2) + 1$   
D.  $(10 \times 2) \times 1$

4) Which expression is equal to  $0 \times (1 \times 5)$

- A.  $0 + (1 + 5)$   
B.  $0 + (1 \times 5)$   
C.  $(0 \times 1) \times 5$   
D.  $(0 \times 1) + 5$

5) Which expression is equal to  $(3 \times 1) \times 6$

- A.  $3 \times (1 + 6)$   
B.  $3 \times (1 \times 6)$   
C.  $(3 + 1) + 6$   
D.  $3 + (1 + 6)$

6) Which expression is equal to  $(7 \times 5) \times 6$

- A.  $(7 + 5) \times 6$   
B.  $(7 + 5) + 6$   
C.  $7 + (5 \times 6)$   
D.  $7 \times (5 \times 6)$

7) Which expression is equal to  $10 \times (9 \times 0)$

- A.  $(10 + 9) \times 0$   
B.  $10 \times (9 + 0)$   
C.  $(10 \times 9) + 0$   
D.  $(10 \times 9) \times 0$

8) Which expression is equal to  $2 \times (3 \times 7)$

- A.  $(2 \times 3) \times 7$   
B.  $2 \times (3 + 7)$   
C.  $2 + (3 \times 7)$   
D.  $(2 + 3) \times 7$

9) Which expression is equal to  $4 \times (0 \times 10)$

- A.  $(4 \times 0) \times 10$   
B.  $4 \times (0 + 10)$   
C.  $(4 \times 0) + 10$   
D.  $(4 + 0) + 10$

10) Which expression is equal to  $(7 \times 4) \times 3$

- A.  $7 + (4 + 3)$   
B.  $7 + (4 \times 3)$   
C.  $7 \times (4 \times 3)$   
D.  $(7 + 4) + 3$

11) Which expression is equal to  $(0 \times 6) \times 10$

- A.  $0 + (6 \times 10)$   
B.  $0 + (6 + 10)$   
C.  $0 \times (6 \times 10)$   
D.  $(0 + 6) \times 10$

12) Which expression is equal to  $2 \times (0 \times 5)$

- A.  $(2 \times 0) + 5$   
B.  $2 + (0 + 5)$   
C.  $(2 + 0) \times 5$   
D.  $(2 \times 0) \times 5$

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