

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

- 1) Which expression is equal to

$5 \times (8 \times 7)$

A.  $(5 \times 8) \times 7$

B.  $5 \times (8 + 7)$

C.  $(5 + 8) \times 7$

D.  $5 + (8 + 7)$

- 2) Which expression is equal to

$6 \times (3 \times 8)$

A.  $6 \times (3 + 8)$

B.  $6 + (3 + 8)$

C.  $(6 \times 3) \times 8$

D.  $(6 + 3) \times 8$

- 3) Which expression is equal to

$(1 \times 4) \times 5$

A.  $1 \times (4 + 5)$

B.  $(1 \times 4) + 5$

C.  $(1 + 4) + 5$

D.  $1 \times (4 \times 5)$

- 4) Which expression is equal to

$(10 \times 3) \times 2$

A.  $10 + (3 \times 2)$

B.  $10 \times (3 \times 2)$

C.  $(10 \times 3) + 2$

D.  $10 + (3 + 2)$

- 5) Which expression is equal to

$(0 \times 1) \times 5$

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

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

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

D.  $0 + (1 + 5)$

- 6) Which expression is equal to

$1 \times (8 \times 7)$

A.  $(1 + 8) + 7$

B.  $1 \times (8 + 7)$

C.  $(1 \times 8) \times 7$

D.  $(1 + 8) \times 7$

- 7) Which expression is equal to

$2 \times (0 \times 9)$

A.  $(2 \times 0) \times 9$

B.  $(2 + 0) \times 9$

C.  $2 \times (0 + 9)$

D.  $(2 + 0) + 9$

- 8) Which expression is equal to

$4 \times (10 \times 1)$

A.  $4 + (10 + 1)$

B.  $(4 + 10) \times 1$

C.  $4 \times (10 + 1)$

D.  $(4 \times 10) \times 1$

- 9) Which expression is equal to

$(6 \times 7) \times 1$

A.  $6 \times (7 \times 1)$

B.  $6 + (7 \times 1)$

C.  $(6 + 7) \times 1$

D.  $(6 \times 7) + 1$

- 10) Which expression is equal to

$6 \times (1 \times 10)$

A.  $(6 + 1) \times 10$

B.  $(6 \times 1) \times 10$

C.  $6 \times (1 + 10)$

D.  $(6 + 1) + 10$

- 11) Which expression is equal to

$4 \times (2 \times 3)$

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

B.  $4 + (2 \times 3)$

C.  $4 \times (2 + 3)$

D.  $(4 + 2) + 3$

- 12) Which expression is equal to

$(8 \times 10) \times 3$

A.  $(8 + 10) \times 3$

B.  $(8 + 10) + 3$

C.  $8 \times (10 + 3)$

D.  $8 \times (10 \times 3)$

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  $5 \times (8 \times 7)$   
A.  $(5 \times 8) \times 7$   
B.  $5 \times (8 + 7)$   
C.  $(5 + 8) \times 7$   
D.  $5 + (8 + 7)$
- 2) Which expression is equal to  $6 \times (3 \times 8)$   
A.  $6 \times (3 + 8)$   
B.  $6 + (3 + 8)$   
C.  $(6 \times 3) \times 8$   
D.  $(6 + 3) \times 8$
- 3) Which expression is equal to  $(1 \times 4) \times 5$   
A.  $1 \times (4 + 5)$   
B.  $(1 \times 4) + 5$   
C.  $(1 + 4) + 5$   
D.  $1 \times (4 \times 5)$
- 4) Which expression is equal to  $(10 \times 3) \times 2$   
A.  $10 + (3 \times 2)$   
B.  $10 \times (3 \times 2)$   
C.  $(10 \times 3) + 2$   
D.  $10 + (3 + 2)$
- 5) Which expression is equal to  $(0 \times 1) \times 5$   
A.  $0 \times (1 \times 5)$   
B.  $(0 + 1) \times 5$   
C.  $0 + (1 \times 5)$   
D.  $0 + (1 + 5)$
- 6) Which expression is equal to  $1 \times (8 \times 7)$   
A.  $(1 + 8) + 7$   
B.  $1 \times (8 + 7)$   
C.  $(1 \times 8) \times 7$   
D.  $(1 + 8) \times 7$
- 7) Which expression is equal to  $2 \times (0 \times 9)$   
A.  $(2 \times 0) \times 9$   
B.  $(2 + 0) \times 9$   
C.  $2 \times (0 + 9)$   
D.  $(2 + 0) + 9$
- 8) Which expression is equal to  $4 \times (10 \times 1)$   
A.  $4 + (10 + 1)$   
B.  $(4 + 10) \times 1$   
C.  $4 \times (10 + 1)$   
D.  $(4 \times 10) \times 1$
- 9) Which expression is equal to  $(6 \times 7) \times 1$   
A.  $6 \times (7 \times 1)$   
B.  $6 + (7 \times 1)$   
C.  $(6 + 7) \times 1$   
D.  $(6 \times 7) + 1$
- 10) Which expression is equal to  $6 \times (1 \times 10)$   
A.  $(6 + 1) \times 10$   
B.  $(6 \times 1) \times 10$   
C.  $6 \times (1 + 10)$   
D.  $(6 + 1) + 10$
- 11) Which expression is equal to  $4 \times (2 \times 3)$   
A.  $(4 \times 2) \times 3$   
B.  $4 + (2 \times 3)$   
C.  $4 \times (2 + 3)$   
D.  $(4 + 2) + 3$
- 12) Which expression is equal to  $(8 \times 10) \times 3$   
A.  $(8 + 10) \times 3$   
B.  $(8 + 10) + 3$   
C.  $8 \times (10 + 3)$   
D.  $8 \times (10 \times 3)$

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