

**Determine which choice is an equivalent equation.****Answers****1)** Which expression is equal to

$7 \times (1 \times 10)$

A. $7 + (1 + 10)$

B. $(7 \times 1) + 10$

C. $7 \times (1 + 10)$

D. $(7 \times 1) \times 10$

2) Which expression is equal to

$(10 \times 6) \times 2$

A. $10 \times (6 \times 2)$

B. $10 \times (6 + 2)$

C. $(10 + 6) + 2$

D. $(10 + 6) \times 2$

3) Which expression is equal to

$(1 \times 5) \times 0$

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

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

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

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

4) Which expression is equal to

$6 \times (8 \times 7)$

A. $(6 \times 8) + 7$

B. $6 + (8 \times 7)$

C. $(6 \times 8) \times 7$

D. $(6 + 8) \times 7$

5) Which expression is equal to

$(7 \times 3) \times 10$

A. $7 + (3 + 10)$

B. $7 \times (3 + 10)$

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

D. $7 + (3 \times 10)$

6) Which expression is equal to

$(2 \times 9) \times 6$

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

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

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

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

7) Which expression is equal to

$2 \times (10 \times 9)$

A. $2 + (10 + 9)$

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

C. $(2 + 10) + 9$

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

8) Which expression is equal to

$(3 \times 1) \times 7$

A. $3 \times (1 \times 7)$

B. $3 + (1 \times 7)$

C. $3 \times (1 + 7)$

D. $3 + (1 + 7)$

9) Which expression is equal to

$(0 \times 9) \times 1$

A. $0 \times (9 + 1)$

B. $(0 + 9) + 1$

C. $0 + (9 + 1)$

D. $0 \times (9 \times 1)$

10) Which expression is equal to

$7 \times (6 \times 1)$

A. $7 + (6 + 1)$

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

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

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

11) Which expression is equal to

$(2 \times 8) \times 5$

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

B. $(2 + 8) \times 5$

C. $(2 \times 8) + 5$

D. $2 + (8 + 5)$

12) Which expression is equal to

$(4 \times 10) \times 9$

A. $(4 + 10) \times 9$

B. $4 + (10 \times 9)$

C. $4 + (10 + 9)$

D. $4 \times (10 \times 9)$

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

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