

Determine which choice is an equivalent equation.

1) Which expression is equal to

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

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

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

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

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

3) Which expression is equal to

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

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

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

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

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

5) Which expression is equal to

$$9 \times (4 \times 0)$$

A.
$$(9 \times 4) \times 0$$

B.
$$(9 \times 4) + 0$$

C.
$$9 + (4 \times 0)$$

D.
$$(9+4)+0$$

7) Which expression is equal to

$$(4 \times 3) \times 10$$

A.
$$(4+3) \times 10$$

B.
$$4 \times (3 \times 10)$$

C.
$$4 + (3 \times 10)$$

D.
$$4 \times (3 + 10)$$

9) Which expression is equal to

$$(3 \times 0) \times 8$$

A.
$$3 \times (0 + 8)$$

B.
$$3 \times (0 \times 8)$$

C.
$$3 + (0 + 8)$$

D.
$$(3+0)+8$$

11) Which expression is equal to

$$(3 \times 6) \times 4$$

A.
$$3 + (6 + 4)$$

B.
$$(3 \times 6) + 4$$

C.
$$3 \times (6 \times 4)$$

D.
$$(3+6)+4$$

2) Which expression is equal to

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

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

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

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

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

4) Which expression is equal to

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

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

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

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

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

6) Which expression is equal to

$$(6 \times 0) \times 5$$

A.
$$(6+0)+5$$

B.
$$(6 \times 0) + 5$$

C.
$$6 \times (0 \times 5)$$

D.
$$6 + (0 + 5)$$

8) Which expression is equal to

$$(0 \times 10) \times 3$$

A.
$$0 + (10 + 3)$$

B.
$$0 \times (10 \times 3)$$

C.
$$(0 + 10) \times 3$$

D.
$$0 + (10 \times 3)$$

10) Which expression is equal to

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

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

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

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

D.
$$(2+5)+8$$

12) Which expression is equal to

$$(6\times5)\times9$$

A.
$$6 \times (5 \times 9)$$

B.
$$6 \times (5 + 9)$$

C.
$$(6 \times 5) + 9$$

D.
$$6 + (5 \times 9)$$

- - 11.
- 12.



Determine which choice is an equivalent equation.

- 1) Which expression is equal to
 - $7\times(\;3\times10\;)$
 - A. $(7 \times 3) \times 10$
 - B. $7 + (3 \times 10)$
 - C. $(7 \times 3) + 10$
 - D. $(7 + 3) \times 10$
- 3) Which expression is equal to
 - $(7 \times 6) \times 1$
 - A. $(7+6) \times 1$
 - B. $7 \times (6 \times 1)$
 - C. $7 \times (6 + 1)$
 - D. $7 + (6 \times 1)$
- 5) Which expression is equal to
 - $9 \times (4 \times 0)$
 - A. (9×4) $\times 0$
 - B. $(9 \times 4) + 0$
 - C. $9 + (4 \times 0)$
 - D. (9+4)+0
- 7) Which expression is equal to

$$(4 \times 3) \times 10$$

- A. $(4+3) \times 10$
- B. $4 \times (3 \times 10)$
- C. $4 + (3 \times 10)$
- D. $4 \times (3 + 10)$
- **9)** Which expression is equal to

$$(3 \times 0) \times 8$$

- A. $3 \times (0 + 8)$
- B. $3 \times (0 \times 8)$
- C.3 + (0 + 8)
- D. (3+0)+8
- 11) Which expression is equal to

$$(3 \times 6) \times 4$$

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

2) Which expression is equal to

Name:

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

- A. (0+9)+10
- B.0 + (9 + 10)
- $C.0 \times (9 \times 10)$
- D. $0 \times (9 + 10)$
- 4) Which expression is equal to

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

- A. $6 + (1 \times 7)$
- B. $6 \times (1 \times 7)$
- C. $6 \times (1 + 7)$
- D. (6+1)+7
- **6)** Which expression is equal to

$$(6 \times 0) \times 5$$

- A. (6+0)+5
- B. $(6 \times 0) + 5$
- C. $6 \times (0 \times 5)$
- D. 6 + (0 + 5)
- **8)** Which expression is equal to

$$(0 \times 10) \times 3$$

- A. 0 + (10 + 3)
- B. $0 \times (10 \times 3)$
- C. $(0 + 10) \times 3$
- D. $0 + (10 \times 3)$
- **10**) Which expression is equal to

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

- A. $(2+5) \times 8$
- B. $2 + (5 \times 8)$
- C. $2 \times (5 \times 8)$
- D. (2+5)+8
- **12**) Which expression is equal to

$$(6 \times 5) \times 9$$

- A. $6 \times (5 \times 9)$
- B. $6 \times (5 + 9)$
- C. $(6 \times 5) + 9$
- D. $6 + (5 \times 9)$

- 1. **A**
- 2 **C**
 - В
 - В
 - 5. **A**
- 6. **C**
 - . <u>B</u>
- B
- 9. **B**
 - o. **C**
- 1. **C**
- 12. **A**