

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

- 1) Which expression is equal to

$10 \times (0 \times 2)$

A.  $(10 + 0) + 2$

B.  $10 \times (0 + 2)$

C.  $(10 + 0) \times 2$

D.  $(10 \times 0) \times 2$

- 2) Which expression is equal to

$(6 \times 1) \times 3$

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

B.  $6 + (1 + 3)$

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

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

- 3) Which expression is equal to

$8 \times (6 \times 2)$

A.  $(8 \times 6) \times 2$

B.  $(8 + 6) + 2$

C.  $8 \times (6 + 2)$

D.  $8 + (6 + 2)$

- 4) Which expression is equal to

$0 \times (7 \times 9)$

A.  $(0 \times 7) \times 9$

B.  $0 + (7 + 9)$

C.  $0 \times (7 + 9)$

D.  $(0 + 7) + 9$

- 5) Which expression is equal to

$10 \times (2 \times 3)$

A.  $10 + (2 + 3)$

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

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

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

- 6) Which expression is equal to

$(3 \times 8) \times 4$

A.  $3 \times (8 + 4)$

B.  $3 + (8 \times 4)$

C.  $3 \times (8 \times 4)$

D.  $3 + (8 + 4)$

- 7) Which expression is equal to

$(6 \times 7) \times 10$

A.  $6 + (7 + 10)$

B.  $6 \times (7 \times 10)$

C.  $6 + (7 \times 10)$

D.  $(6 \times 7) + 10$

- 8) Which expression is equal to

$(10 \times 9) \times 8$

A.  $(10 + 9) + 8$

B.  $(10 \times 9) + 8$

C.  $10 + (9 + 8)$

D.  $10 \times (9 \times 8)$

- 9) Which expression is equal to

$(2 \times 5) \times 9$

A.  $2 + (5 + 9)$

B.  $(2 + 5) \times 9$

C.  $2 \times (5 \times 9)$

D.  $2 \times (5 + 9)$

- 10) Which expression is equal to

$(8 \times 4) \times 3$

A.  $8 + (4 + 3)$

B.  $8 \times (4 \times 3)$

C.  $(8 \times 4) + 3$

D.  $(8 + 4) + 3$

- 11) Which expression is equal to

$(6 \times 3) \times 9$

A.  $6 + (3 + 9)$

B.  $6 \times (3 + 9)$

C.  $6 \times (3 \times 9)$

D.  $6 + (3 \times 9)$

- 12) Which expression is equal to

$0 \times (4 \times 10)$

A.  $(0 + 4) + 10$

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

C.  $0 + (4 + 10)$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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- A.  $(10 + 0) + 2$   
B.  $10 \times (0 + 2)$   
C.  $(10 + 0) \times 2$   
D.  $(10 \times 0) \times 2$

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

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

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- A.  $(8 \times 6) \times 2$   
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C.  $0 + (4 + 10)$   
D.  $(0 \times 4) \times 10$

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