

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

- 1) Which expression is equal to

$8 \times (1 \times 3)$

A.  $(8 \times 1) \times 3$

B.  $(8 + 1) + 3$

C.  $8 \times (1 + 3)$

D.  $(8 + 1) \times 3$

- 2) Which expression is equal to

$(1 \times 6) \times 10$

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

B.  $1 + (6 + 10)$

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

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

- 3) Which expression is equal to

$(0 \times 1) \times 3$

A.  $(0 + 1) \times 3$

B.  $0 + (1 \times 3)$

C.  $0 + (1 + 3)$

D.  $0 \times (1 \times 3)$

- 4) Which expression is equal to

$(10 \times 3) \times 2$

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

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

C.  $(10 + 3) + 2$

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

- 5) Which expression is equal to

$10 \times (3 \times 2)$

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

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

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

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- 6) Which expression is equal to

$5 \times (6 \times 10)$

A.  $(5 \times 6) + 10$

B.  $(5 \times 6) \times 10$

C.  $5 + (6 + 10)$

D.  $5 + (6 \times 10)$

- 7) Which expression is equal to

$(5 \times 1) \times 4$

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

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

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

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

- 8) Which expression is equal to

$0 \times (4 \times 7)$

A.  $0 \times (4 + 7)$

B.  $(0 \times 4) \times 7$

C.  $0 + (4 \times 7)$

D.  $(0 + 4) \times 7$

- 9) Which expression is equal to

$(9 \times 7) \times 3$

A.  $9 \times (7 \times 3)$

B.  $9 + (7 + 3)$

C.  $(9 + 7) + 3$

D.  $9 \times (7 + 3)$

- 10) Which expression is equal to

$(7 \times 6) \times 8$

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

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

C.  $7 + (6 + 8)$

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

- 11) Which expression is equal to

$(7 \times 0) \times 1$

A.  $7 \times (0 \times 1)$

B.  $7 + (0 \times 1)$

C.  $(7 \times 0) + 1$

D.  $(7 + 0) + 1$

- 12) Which expression is equal to

$(8 \times 9) \times 10$

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

B.  $(8 + 9) + 10$

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

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

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

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

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

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

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

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

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

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