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

1) Which expression is equal to
$8 \times ( 9 \times 1 )$

A. $8 + ( 9 \times 1 )$

B. $( 8 \times 9 ) \times 1$

C. $( 8 + 9 ) + 1$

D. $( 8 + 9 ) \times 1$

2) Which expression is equal to
$( 5 \times 0 ) \times 10$

A. $5 \times ( 0 + 10 )$

B. $5 + ( 0 \times 10 )$

C. $( 5 + 0 ) + 10$

D. $5 \times ( 0 \times 10 )$

3) Which expression is equal to
$8 \times ( 3 \times 0 )$

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

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

C. $8 + ( 3 + 0 )$

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

4) Which expression is equal to
$8 \times ( 5 \times 7 )$

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

B. $( 8 + 5 ) + 7$

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

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

5) Which expression is equal to
$( 0 \times 8 ) \times 3$

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

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

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

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

6) Which expression is equal to
$10 \times ( 7 \times 8 )$

A. $( 10 \times 7 ) \times 8$

B. $( 10 \times 7 ) + 8$

C. $10 \times ( 7 + 8 )$

D. $( 10 + 7 ) + 8$

7) Which expression is equal to
$2 \times ( 1 \times 8 )$

A. $2 + ( 1 \times 8 )$

B. $2 \times ( 1 + 8 )$

C. $( 2 \times 1 ) \times 8$

D. $( 2 \times 1 ) + 8$

8) Which expression is equal to
$5 \times ( 6 \times 4 )$

A. $5 + ( 6 \times 4 )$

B. $( 5 \times 6 ) \times 4$

C. $5 + ( 6 + 4 )$

D. $( 5 + 6 ) \times 4$

9) Which expression is equal to
$( 4 \times 5 ) \times 3$

A. $4 + ( 5 + 3 )$

B. $4 + ( 5 \times 3 )$

C. $4 \times ( 5 \times 3 )$

D. $4 \times ( 5 + 3 )$

10) Which expression is equal to
$3 \times ( 4 \times 2 )$

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

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

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

D. $( 3 + 4 ) + 2$

11) Which expression is equal to
$( 5 \times 0 ) \times 8$

A. $5 \times ( 0 \times 8 )$

B. $5 + ( 0 + 8 )$

C. $5 \times ( 0 + 8 )$

D. $5 + ( 0 \times 8 )$

12) Which expression is equal to
$6 \times ( 5 \times 7 )$

A. $6 \times ( 5 + 7 )$

B. $( 6 \times 5 ) \times 7$

C. $( 6 + 5 ) + 7$

D. $6 + ( 5 \times 7 )$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

**Math**

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
|------|----|----|----|----|----|----|----|----|----|----|
| 11-12 | 8 | 0 | | | | | | | | |

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B. $5 + ( 0 \times 10 )$
C. $( 5 + 0 ) + 10$
D. $5 \times ( 0 \times 10 )$

1.   **B**

2.   **D**

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

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$8 \times ( 5 \times 7 )$
A. $8 \times ( 5 + 7 )$
B. $( 8 + 5 ) + 7$
C. $8 + ( 5 \times 7 )$
D. $( 8 \times 5 ) \times 7$

3.   **D**

4.   **D**

5.   **A**

6.   **A**

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$( 0 \times 8 ) \times 3$
A. $0 \times ( 8 \times 3 )$
B. $( 0 + 8 ) \times 3$
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C. $10 \times ( 7 + 8 )$
D. $( 10 + 7 ) + 8$

7.   **C**

8.   **B**

9.   **C**

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10.   **C**

11.   **A**

12.   **B**

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|------|----|----|----|----|----|----|----|----|----|----|
| 11-12 | 8 | 0 | | | | | | | | |