Determine which choice is an equivalent equation.

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

2) Which expression is equal to
$(7 \times 1) \times 0$
A. $7 + (1 \times 0)$
B. $7 \times (1 \times 0)$
C. $(7 \times 1) + 0$
D. $7 + (1 + 0)$

3) Which expression is equal to
$(8 \times 4) \times 7$
A. $(8 \times 4) + 7$
B. $8 + (4 \times 7)$
C. $8 \times (4 \times 7)$
D. $8 \times (4 + 7)$

4) Which expression is equal to
$5 \times (6 \times 1)$
A. $5 \times (6 + 1)$
B. $(5 \times 6) \times 1$
C. $5 + (6 + 1)$
D. $(5 \times 6) + 1$

5) Which expression is equal to
$4 \times (5 \times 10)$
A. $4 + (5 + 10)$
B. $(4 \times 5) + 10$
C. $(4 \times 5) \times 10$
D. $4 + (5 \times 10)$

6) Which expression is equal to
$(5 \times 1) \times 3$
A. $5 \times (1 + 3)$
B. $5 + (1 + 3)$
C. $(5 + 1) + 3$
D. $5 \times (1 \times 3)$

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

8) Which expression is equal to
$(7 \times 2) \times 5$
A. $7 + (2 \times 5)$
B. $(7 + 2) + 5$
C. $7 \times (2 + 5)$
D. $7 \times (2 \times 5)$

9) Which expression is equal to
$0 \times (1 \times 2)$
A. $(0 \times 1) \times 2$
B. $0 \times (1 + 2)$
C. $(0 \times 1) + 2$
D. $0 + (1 \times 2)$

10) Which expression is equal to
$(7 \times 1) \times 9$
A. $7 \times (1 + 9)$
B. $7 \times (1 \times 9)$
C. $7 + (1 \times 9)$
D. $(7 + 1) + 9$

11) Which expression is equal to
$4 \times (0 \times 3)$
A. $(4 \times 0) + 3$
B. $(4 \times 0) \times 3$
C. $4 + (0 + 3)$
D. $4 \times (0 + 3)$

12) Which expression is equal to
$(6 \times 9) \times 5$
A. $(6 + 9) + 5$
B. $6 \times (9 \times 5)$
C. $(6 + 9) \times 5$
D. $(6 \times 9) + 5$

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

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

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