Determine which choice is an equivalent equation.

1) Which expression is equal to
$0 \times (10 \times 2)$
A. $0 \times (10 + 2)$
B. $0 + (10 + 2)$
C. $(0 + 10) \times 2$
D. $(0 \times 10) \times 2$

2) Which expression is equal to
$(2 \times 6) \times 10$
A. $2 + (6 + 10)$
B. $(2 \times 6) + 10$
C. $2 \times (6 \times 10)$
D. $(2 + 6) + 10$

3) Which expression is equal to
$6 \times (2 \times 5)$
A. $(6 \times 2) \times 5$
B. $(6 + 2) + 5$
C. $6 \times (2 + 5)$
D. $6 + (2 + 5)$

4) Which expression is equal to
$9 \times (1 \times 3)$
A. $(9 \times 1) \times 3$
B. $(9 + 1) + 3$
C. $9 + (1 + 3)$
D. $9 + (1 \times 3)$

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

6) Which expression is equal to
$9 \times (1 \times 4)$
A. $(9 \times 1) \times 4$
B. $9 + (1 \times 4)$
C. $(9 + 1) \times 4$
D. $9 + (1 + 4)$

7) Which expression is equal to
$(1 \times 9) \times 6$
A. $1 + (9 + 6)$
B. $1 + (9 \times 6)$
C. $1 \times (9 \times 6)$
D. $(1 + 9) \times 6$

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

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

10) Which expression is equal to
$5 \times (9 \times 8)$
A. $(5 \times 9) + 8$
B. $5 \times (9 + 8)$
C. $5 + (9 \times 8)$
D. $(5 \times 9) \times 8$

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

12) Which expression is equal to
$(8 \times 10) \times 2$
A. $8 + (10 + 2)$
B. $8 + (10 \times 2)$
C. $(8 + 10) + 2$
D. $8 \times (10 \times 2)$

Name:

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$0 \times (10 \times 2)$
A. $0 \times (10 + 2)$
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B. $(2 \times 6) + 10$
C. $2 \times (6 \times 10)$
D. $(2 + 6) + 10$

1.   **D**

2.   **C**

3.   **A**

4.   **A**

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C. $9 + (1 + 3)$
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5.   **D**

6.   **A**

7.   **C**

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$7 \times (5 \times 6)$
A. $(7 + 5) \times 6$
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C. $(9 + 1) \times 4$
D. $9 + (1 + 4)$

8.   **C**

9.   **B**

10.   **D**

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11.   **A**

12.   **D**

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