Determine which choice is an equivalent equation.

1) Which expression is equal to
$(10 \times 7) \times 4$
A. $(10 \times 7) + 4$
B. $(10 + 7) \times 4$
C. $(10 + 7) + 4$
D. $10 \times (7 \times 4)$

2) Which expression is equal to
$(4 \times 7) \times 0$
A. $4 \times (7 \times 0)$
B. $4 + (7 + 0)$
C. $(4 + 7) + 0$
D. $(4 \times 7) + 0$

3) Which expression is equal to
$5 \times (4 \times 7)$
A. $(5 + 4) + 7$
B. $(5 \times 4) + 7$
C. $5 + (4 \times 7)$
D. $(5 \times 4) \times 7$

4) Which expression is equal to
$9 \times (5 \times 2)$
A. $(9 + 5) + 2$
B. $9 + (5 + 2)$
C. $(9 \times 5) \times 2$
D. $9 + (5 \times 2)$

5) Which expression is equal to
$10 \times (2 \times 9)$
A. $10 \times (2 + 9)$
B. $(10 \times 2) \times 9$
C. $(10 \times 2) + 9$
D. $(10 + 2) \times 9$

6) Which expression is equal to
$10 \times (5 \times 6)$
A. $(10 \times 5) \times 6$
B. $(10 + 5) + 6$
C. $(10 + 5) \times 6$
D. $(10 \times 5) + 6$

7) Which expression is equal to
$(9 \times 5) \times 3$
A. $9 + (5 + 3)$
B. $(9 + 5) + 3$
C. $9 \times (5 \times 3)$
D. $(9 + 5) \times 3$

8) Which expression is equal to
$(6 \times 7) \times 3$
A. $6 \times (7 + 3)$
B. $(6 + 7) + 3$
C. $6 \times (7 \times 3)$
D. $6 + (7 + 3)$

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

10) Which expression is equal to
$2 \times (3 \times 9)$
A. $(2 \times 3) + 9$
B. $(2 \times 3) \times 9$
C. $(2 + 3) + 9$
D. $(2 + 3) \times 9$

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

Name:

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A. $4 \times (7 \times 0)$
B. $4 + (7 + 0)$
C. $(4 + 7) + 0$
D. $(4 \times 7) + 0$

1. **D**

2. **A**

3. **D**

3) Which expression is equal to
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4. **C**

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6. **A**

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

7. **C**

8. **C**

9. **A**

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B. $(9 + 5) + 3$
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C. $6 \times (7 \times 3)$
D. $6 + (7 + 3)$

10. **B**

11. **A**

12. **A**

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1-10	92	83	75	67	58	50	42	33	25	17
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