Determine which choice is an equivalent equation.

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

2) Which expression is equal to
   $(3 \times 10) \times 8$
   A. $3 + (10 \times 8)$
   B. $(3 + 10) + 8$
   C. $3 \times (10 \times 8)$
   D. $3 + (10 + 8)$

1. _____

2. _____

3. _____

3) Which expression is equal to
   $(3 \times 0) \times 1$
   A. $(3 \times 0) + 1$
   B. $3 \times (0 \times 1)$
   C. $3 + (0 \times 1)$
   D. $3 + (0 + 1)$

4) Which expression is equal to
   $8 \times (4 \times 9)$
   A. $8 \times (4 + 9)$
   B. $(8 \times 4) \times 9$
   C. $(8 + 4) \times 9$
   D. $8 + (4 + 9)$

4. _____

5. _____

6. _____

5) Which expression is equal to
   $(10 \times 1) \times 8$
   A. $10 + (1 + 8)$
   B. $10 \times (1 \times 8)$
   C. $10 + (1 \times 8)$
   D. $(10 \times 1) + 8$

6) Which expression is equal to
   $(0 \times 4) \times 6$
   A. $0 \times (4 \times 6)$
   B. $0 + (4 + 6)$
   C. $(0 + 4) + 6$
   D. $(0 + 4) \times 6$

7. _____

8. _____

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

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

9. _____

10. _____

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

10) Which expression is equal to
   $9 \times (6 \times 2)$
   A. $(9 + 6) + 2$
   B. $(9 \times 6) \times 2$
   C. $(9 + 6) \times 2$
   D. $9 + (6 + 2)$

11. _____

12. _____

11) Which expression is equal to
   $3 \times (0 \times 10)$
   A. $3 \times (0 + 10)$
   B. $(3 \times 0) \times 10$
   C. $(3 + 0) \times 10$
   D. $3 + (0 \times 10)$

12) Which expression is equal to
   $10 \times (3 \times 5)$
   A. $(10 \times 3) + 5$
   B. $10 \times (3 + 5)$
   C. $(10 + 3) + 5$
   D. $(10 \times 3) \times 5$

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

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

3) Which expression is equal to
$(3 \times 0) \times 1$

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C. $3 + (0 \times 1)$
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A. $(10 \times 3) + 5$
B. $10 \times (3 + 5)$
C. $(10 + 3) + 5$
D. $(10 \times 3) \times 5$

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

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