

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

1) Which expression is equal to $(1 \times 9) \times 10$

- A. $(1 + 9) + 10$
B. $(1 \times 9) + 10$
C. $1 + (9 \times 10)$
D. $1 \times (9 \times 10)$

2) Which expression is equal to $0 \times (7 \times 4)$

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

3) Which expression is equal to $9 \times (0 \times 7)$

- A. $9 \times (0 + 7)$
B. $(9 \times 0) \times 7$
C. $(9 + 0) \times 7$
D. $(9 + 0) + 7$

4) Which expression is equal to $9 \times (1 \times 10)$

- A. $(9 + 1) \times 10$
B. $9 \times (1 + 10)$
C. $(9 \times 1) \times 10$
D. $(9 \times 1) + 10$

5) Which expression is equal to $(1 \times 9) \times 10$

- A. $(1 \times 9) + 10$
B. $1 \times (9 \times 10)$
C. $1 + (9 \times 10)$
D. $1 + (9 + 10)$

6) Which expression is equal to $(4 \times 5) \times 2$

- A. $4 + (5 \times 2)$
B. $(4 + 5) + 2$
C. $4 \times (5 \times 2)$
D. $4 \times (5 + 2)$

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

- A. $(3 + 5) \times 9$
B. $3 + (5 + 9)$
C. $(3 \times 5) + 9$
D. $(3 \times 5) \times 9$

8) Which expression is equal to $3 \times (6 \times 9)$

- A. $3 + (6 + 9)$
B. $(3 \times 6) \times 9$
C. $(3 + 6) \times 9$
D. $(3 + 6) + 9$

9) Which expression is equal to $(8 \times 3) \times 1$

- A. $(8 + 3) + 1$
B. $(8 + 3) \times 1$
C. $8 + (3 + 1)$
D. $8 \times (3 \times 1)$

10) Which expression is equal to $(6 \times 5) \times 3$

- A. $(6 + 5) + 3$
B. $6 \times (5 + 3)$
C. $6 \times (5 \times 3)$
D. $(6 + 5) \times 3$

11) Which expression is equal to $7 \times (4 \times 3)$

- A. $7 \times (4 + 3)$
B. $7 + (4 + 3)$
C. $(7 \times 4) \times 3$
D. $7 + (4 \times 3)$

12) Which expression is equal to $4 \times (1 \times 2)$

- A. $4 + (1 \times 2)$
B. $4 + (1 + 2)$
C. $(4 \times 1) \times 2$
D. $(4 \times 1) + 2$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

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D. $1 \times (9 \times 10)$
- 2) Which expression is equal to $0 \times (7 \times 4)$
A. $0 + (7 \times 4)$
B. $(0 + 7) \times 4$
C. $(0 + 7) + 4$
D. $(0 \times 7) \times 4$
- 3) Which expression is equal to $9 \times (0 \times 7)$
A. $9 \times (0 + 7)$
B. $(9 \times 0) \times 7$
C. $(9 + 0) \times 7$
D. $(9 + 0) + 7$
- 4) Which expression is equal to $9 \times (1 \times 10)$
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C. $(9 \times 1) \times 10$
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C. $1 + (9 \times 10)$
D. $1 + (9 + 10)$
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C. $4 \times (5 \times 2)$
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B. $3 + (5 + 9)$
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B. $4 + (1 + 2)$
C. $(4 \times 1) \times 2$
D. $(4 \times 1) + 2$

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