

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

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. _____



Determine which choice is an equivalent equation.

Answers

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