



Determine which choice is an equivalent equation.

Answers

1) Which expression is equal to $(2 \times 4) \times 9$

- A. $2 \times (4 \times 9)$
- B. $(2 + 4) + 9$
- C. $(2 \times 4) + 9$
- D. $2 \times (4 + 9)$

2) Which expression is equal to $(3 \times 2) \times 9$

- A. $3 + (2 + 9)$
- B. $3 + (2 \times 9)$
- C. $3 \times (2 \times 9)$
- D. $3 \times (2 + 9)$

3) Which expression is equal to $(10 \times 8) \times 5$

- A. $10 + (8 \times 5)$
- B. $10 \times (8 \times 5)$
- C. $(10 + 8) + 5$
- D. $10 + (8 + 5)$

4) Which expression is equal to $(4 \times 5) \times 3$

- A. $(4 \times 5) + 3$
- B. $4 + (5 + 3)$
- C. $4 \times (5 + 3)$
- D. $4 \times (5 \times 3)$

5) Which expression is equal to $3 \times (5 \times 4)$

- A. $3 + (5 + 4)$
- B. $(3 + 5) + 4$
- C. $(3 \times 5) \times 4$
- D. $3 + (5 \times 4)$

6) Which expression is equal to $3 \times (7 \times 1)$

- A. $(3 + 7) \times 1$
- B. $3 \times (7 + 1)$
- C. $(3 \times 7) \times 1$
- D. $(3 + 7) + 1$

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

- A. $(4 \times 6) \times 2$
- B. $(4 + 6) + 2$
- C. $4 + (6 \times 2)$
- D. $4 + (6 + 2)$

8) Which expression is equal to $(6 \times 0) \times 5$

- A. $(6 + 0) + 5$
- B. $(6 + 0) \times 5$
- C. $6 \times (0 \times 5)$
- D. $6 \times (0 + 5)$

9) Which expression is equal to $(10 \times 1) \times 3$

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

10) Which expression is equal to $10 \times (3 \times 7)$

- A. $10 + (3 + 7)$
- B. $(10 + 3) \times 7$
- C. $(10 \times 3) \times 7$
- D. $10 + (3 \times 7)$

11) Which expression is equal to $(5 \times 4) \times 3$

- A. $5 \times (4 \times 3)$
- B. $5 + (4 \times 3)$
- C. $(5 \times 4) + 3$
- D. $5 \times (4 + 3)$

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

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

- 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 $(2 \times 4) \times 9$

- A. $2 \times (4 \times 9)$
- B. $(2 + 4) + 9$
- C. $(2 \times 4) + 9$
- D. $2 \times (4 + 9)$

2) Which expression is equal to $(3 \times 2) \times 9$

- A. $3 + (2 + 9)$
- B. $3 + (2 \times 9)$
- C. $3 \times (2 \times 9)$
- D. $3 \times (2 + 9)$

3) Which expression is equal to $(10 \times 8) \times 5$

- A. $10 + (8 \times 5)$
- B. $10 \times (8 \times 5)$
- C. $(10 + 8) + 5$
- D. $10 + (8 + 5)$

4) Which expression is equal to $(4 \times 5) \times 3$

- A. $(4 \times 5) + 3$
- B. $4 + (5 + 3)$
- C. $4 \times (5 + 3)$
- D. $4 \times (5 \times 3)$

5) Which expression is equal to $3 \times (5 \times 4)$

- A. $3 + (5 + 4)$
- B. $(3 + 5) + 4$
- C. $(3 \times 5) \times 4$
- D. $3 + (5 \times 4)$

6) Which expression is equal to $3 \times (7 \times 1)$

- A. $(3 + 7) \times 1$
- B. $3 \times (7 + 1)$
- C. $(3 \times 7) \times 1$
- D. $(3 + 7) + 1$

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

- A. $(4 \times 6) \times 2$
- B. $(4 + 6) + 2$
- C. $4 + (6 \times 2)$
- D. $4 + (6 + 2)$

8) Which expression is equal to $(6 \times 0) \times 5$

- A. $(6 + 0) + 5$
- B. $(6 + 0) \times 5$
- C. $6 \times (0 \times 5)$
- D. $6 \times (0 + 5)$

9) Which expression is equal to $(10 \times 1) \times 3$

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

10) Which expression is equal to $10 \times (3 \times 7)$

- A. $10 + (3 + 7)$
- B. $(10 + 3) \times 7$
- C. $(10 \times 3) \times 7$
- D. $10 + (3 \times 7)$

11) Which expression is equal to $(5 \times 4) \times 3$

- A. $5 \times (4 \times 3)$
- B. $5 + (4 \times 3)$
- C. $(5 \times 4) + 3$
- D. $5 \times (4 + 3)$

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

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

1. **A**

2. **C**

3. **B**

4. **D**

5. **C**

6. **C**

7. **A**

8. **C**

9. **A**

10. **C**

11. **A**

12. **B**