

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

- | | |
|--|---|
| <p>1) Which expression is equal to $(4 \times 6) \times 2$</p> <p>A. $(4 + 6) + 2$</p> <p>B. $4 \times (6 \times 2)$</p> <p>C. $4 + (6 \times 2)$</p> <p>D. $(4 \times 6) + 2$</p> | <p>2) Which expression is equal to $3 \times (4 \times 1)$</p> <p>A. $(3 + 4) + 1$</p> <p>B. $(3 + 4) \times 1$</p> <p>C. $(3 \times 4) \times 1$</p> <p>D. $(3 \times 4) + 1$</p> |
| <p>3) Which expression is equal to $(5 \times 4) \times 8$</p> <p>A. $(5 + 4) + 8$</p> <p>B. $(5 + 4) \times 8$</p> <p>C. $5 \times (4 \times 8)$</p> <p>D. $5 + (4 + 8)$</p> | <p>4) Which expression is equal to $(4 \times 3) \times 2$</p> <p>A. $4 \times (3 \times 2)$</p> <p>B. $4 \times (3 + 2)$</p> <p>C. $(4 \times 3) + 2$</p> <p>D. $4 + (3 + 2)$</p> |
| <p>5) Which expression is equal to $(8 \times 7) \times 9$</p> <p>A. $8 + (7 \times 9)$</p> <p>B. $(8 \times 7) + 9$</p> <p>C. $8 \times (7 + 9)$</p> <p>D. $8 \times (7 \times 9)$</p> | <p>6) Which expression is equal to $0 \times (7 \times 5)$</p> <p>A. $(0 \times 7) + 5$</p> <p>B. $(0 \times 7) \times 5$</p> <p>C. $(0 + 7) \times 5$</p> <p>D. $0 \times (7 + 5)$</p> |
| <p>7) Which expression is equal to $1 \times (9 \times 3)$</p> <p>A. $(1 + 9) \times 3$</p> <p>B. $(1 + 9) + 3$</p> <p>C. $1 + (9 + 3)$</p> <p>D. $(1 \times 9) \times 3$</p> | <p>8) Which expression is equal to $7 \times (3 \times 2)$</p> <p>A. $(7 \times 3) + 2$</p> <p>B. $(7 \times 3) \times 2$</p> <p>C. $(7 + 3) \times 2$</p> <p>D. $7 + (3 \times 2)$</p> |
| <p>9) Which expression is equal to $1 \times (5 \times 8)$</p> <p>A. $1 \times (5 + 8)$</p> <p>B. $(1 \times 5) \times 8$</p> <p>C. $1 + (5 + 8)$</p> <p>D. $1 + (5 \times 8)$</p> | <p>10) Which expression is equal to $8 \times (7 \times 1)$</p> <p>A. $(8 \times 7) \times 1$</p> <p>B. $8 \times (7 + 1)$</p> <p>C. $(8 + 7) \times 1$</p> <p>D. $8 + (7 \times 1)$</p> |
| <p>11) Which expression is equal to $9 \times (1 \times 8)$</p> <p>A. $(9 \times 1) \times 8$</p> <p>B. $9 + (1 \times 8)$</p> <p>C. $(9 + 1) + 8$</p> <p>D. $(9 + 1) \times 8$</p> | <p>12) Which expression is equal to $3 \times (2 \times 9)$</p> <p>A. $3 + (2 \times 9)$</p> <p>B. $(3 \times 2) \times 9$</p> <p>C. $(3 + 2) + 9$</p> <p>D. $3 + (2 + 9)$</p> |

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

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