



Finding Associative Property of Multiplication

Name: _____

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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

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