



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $(6 \times 2) \times 10 = 6 \times (2 \times 10)$
 B. $6 \times 1 = 6$
 C. $6 \times 2 = 2 \times 6$
 D. $(6 \times 2) + (6 \times 10) = 6 \times (2 + 10)$

- 2) A. $(0 \times 7) + (0 \times 10) = 0 \times (7 + 10)$
 B. $0 \times 7 = 7 \times 0$
 C. $(0 \times 7) \times 10 = 0 \times (7 \times 10)$
 D. $0 \times 1 = 0$

- 3) A. $1 \times (0 + 5) = (1 \times 0) + (1 \times 5)$
 B. $1 \times 1 = 1$
 C. $1 \times (0 \times 5) = (1 \times 0) \times 5$
 D. $1 \times 0 = 0 \times 1$

- 4) A. $5 \times (2 \times 3) = (5 \times 2) \times 3$
 B. $1 \times 5 = 5$
 C. $5 \times (2 + 3) = (5 \times 2) + (5 \times 3)$
 D. $5 \times 2 = 2 \times 5$

- 5) A. $7 \times 1 = 7$
 B. $7 \times 9 = 9 \times 7$
 C. $(7 \times 9) + (7 \times 5) = 7 \times (9 + 5)$
 D. $(7 \times 9) \times 5 = 7 \times (9 \times 5)$

- 6) A. $4 \times 8 = 8 \times 4$
 B. $4 \times 1 = 4$
 C. $(4 \times 8) \times 10 = 4 \times (8 \times 10)$
 D. $(4 \times 8) + (4 \times 10) = 4 \times (8 + 10)$

- 7) A. $5 \times (7 + 10) = (5 \times 7) + (5 \times 10)$
 B. $5 \times (7 \times 10) = (5 \times 7) \times 10$
 C. $5 \times 7 = 7 \times 5$
 D. $1 \times 5 = 5$

- 8) A. $3 \times (7 + 2) = (3 \times 7) + (3 \times 2)$
 B. $3 \times (7 \times 2) = (3 \times 7) \times 2$
 C. $3 \times 7 = 7 \times 3$
 D. $1 \times 3 = 3$

- 9) A. $2 \times 1 = 2$
 B. $(2 \times 7) + (2 \times 5) = 2 \times (7 + 5)$
 C. $2 \times 7 = 7 \times 2$
 D. $(2 \times 7) \times 5 = 2 \times (7 \times 5)$

- 10) A. $6 \times 0 = 0 \times 6$
 B. $(6 \times 0) \times 8 = 6 \times (0 \times 8)$
 C. $6 \times 1 = 6$
 D. $(6 \times 0) + (6 \times 8) = 6 \times (0 + 8)$

- 11) A. $5 \times 8 = 8 \times 5$
 B. $5 \times (8 + 9) = (5 \times 8) + (5 \times 9)$
 C. $1 \times 5 = 5$
 D. $5 \times (8 \times 9) = (5 \times 8) \times 9$

- 12) A. $2 \times 1 = 2$
 B. $(2 \times 8) \times 4 = 2 \times (8 \times 4)$
 C. $2 \times 8 = 8 \times 2$
 D. $(2 \times 8) + (2 \times 4) = 2 \times (8 + 4)$

1. _____
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1. **A**

2. **C**

3. **C**

4. **A**

5. **D**

6. **C**

7. **B**

8. **B**

9. **D**

10. **B**

11. **D**

12. **B**