



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $2 \times (5 + 0) = (2 \times 5) + (2 \times 0)$
 B. $2 \times (5 \times 0) = (2 \times 5) \times 0$
 C. $1 \times 2 = 2$
 D. $2 \times 5 = 5 \times 2$

- 2) A. $1 \times 4 = 4$
 B. $4 \times (0 + 2) = (4 \times 0) + (4 \times 2)$
 C. $4 \times (0 \times 2) = (4 \times 0) \times 2$
 D. $4 \times 0 = 0 \times 4$

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

- 4) A. $8 \times 9 = 9 \times 8$
 B. $8 \times (9 \times 6) = (8 \times 9) \times 6$
 C. $1 \times 8 = 8$
 D. $8 \times (9 + 6) = (8 \times 9) + (8 \times 6)$

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

- 6) A. $1 \times 0 = 0$
 B. $0 \times 8 = 8 \times 0$
 C. $0 \times (8 \times 4) = (0 \times 8) \times 4$
 D. $0 \times (8 + 4) = (0 \times 8) + (0 \times 4)$

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

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

- 9) A. $4 \times (5 + 7) = (4 \times 5) + (4 \times 7)$
 B. $1 \times 4 = 4$
 C. $4 \times 5 = 5 \times 4$
 D. $4 \times (5 \times 7) = (4 \times 5) \times 7$

- 10) A. $5 \times 0 = 0 \times 5$
 B. $1 \times 5 = 5$
 C. $5 \times (0 \times 8) = (5 \times 0) \times 8$
 D. $5 \times (0 + 8) = (5 \times 0) + (5 \times 8)$

- 11) A. $(6 \times 9) + (6 \times 10) = 6 \times (9 + 10)$
 B. $6 \times 1 = 6$
 C. $6 \times 9 = 9 \times 6$
 D. $(6 \times 9) \times 10 = 6 \times (9 \times 10)$

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

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