



Determine which choice best shows the distributive property of multiplication.

Answers

- 1) A. $0 \times (4 \times 10) = (0 \times 4) \times 10$
 B. $1 \times 0 = 0$
 C. $0 \times 4 = 4 \times 0$
 D. $0 \times (4 + 10) = (0 \times 4) + (0 \times 10)$

- 2) A. $0 \times 1 = 0$
 B. $(0 \times 9) + (0 \times 5) = 0 \times (9 + 5)$
 C. $(0 \times 9) \times 5 = 0 \times (9 \times 5)$
 D. $0 \times 9 = 9 \times 0$

- 3) A. $1 \times 2 = 2$
 B. $2 \times (4 + 10) = (2 \times 4) + (2 \times 10)$
 C. $2 \times 4 = 4 \times 2$
 D. $2 \times (4 \times 10) = (2 \times 4) \times 10$

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

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

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

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

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

- 9) A. $1 \times 10 = 10$
 B. $10 \times (3 + 9) = (10 \times 3) + (10 \times 9)$
 C. $10 \times (3 \times 9) = (10 \times 3) \times 9$
 D. $10 \times 3 = 3 \times 10$

- 10) A. $4 \times (7 + 10) = (4 \times 7) + (4 \times 10)$
 B. $4 \times 7 = 7 \times 4$
 C. $4 \times (7 \times 10) = (4 \times 7) \times 10$
 D. $1 \times 4 = 4$

- 11) A. $1 \times 1 = 1$
 B. $1 \times (9 + 0) = (1 \times 9) + (1 \times 0)$
 C. $1 \times 9 = 9 \times 1$
 D. $1 \times (9 \times 0) = (1 \times 9) \times 0$

- 12) A. $1 \times 10 = 10$
 B. $10 \times 2 = 2 \times 10$
 C. $10 \times (2 + 8) = (10 \times 2) + (10 \times 8)$
 D. $10 \times (2 \times 8) = (10 \times 2) \times 8$

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