



Determine which choice best shows the distributive property of multiplication.

Answers

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

- 2) A. $7 \times (0 \times 5) = (7 \times 0) \times 5$
 B. $7 \times 0 = 0 \times 7$
 C. $7 \times (0 + 5) = (7 \times 0) + (7 \times 5)$
 D. $1 \times 7 = 7$

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

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

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

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

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

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

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

- 10) A. $(3 \times 6) + (3 \times 9) = 3 \times (6 + 9)$
 B. $(3 \times 6) \times 9 = 3 \times (6 \times 9)$
 C. $3 \times 1 = 3$
 D. $3 \times 6 = 6 \times 3$

- 11) A. $8 \times 1 = 8$
 B. $(8 \times 7) \times 6 = 8 \times (7 \times 6)$
 C. $8 \times 7 = 7 \times 8$
 D. $(8 \times 7) + (8 \times 6) = 8 \times (7 + 6)$

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

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