



Determine which choice best shows the distributive property of multiplication.

Answers

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

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

- 3) A. $2 \times (4 + 7) = (2 \times 4) + (2 \times 7)$
 B. $2 \times (4 \times 7) = (2 \times 4) \times 7$
 C. $2 \times 4 = 4 \times 2$
 D. $1 \times 2 = 2$

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

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

- 6) A. $(10 \times 9) + (10 \times 0) = 10 \times (9 + 0)$
 B. $10 \times 1 = 10$
 C. $10 \times 9 = 9 \times 10$
 D. $(10 \times 9) \times 0 = 10 \times (9 \times 0)$

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

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

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

- 10) A. $1 \times 10 = 10$
 B. $10 \times 3 = 3 \times 10$
 C. $10 \times (3 \times 5) = (10 \times 3) \times 5$
 D. $10 \times (3 + 5) = (10 \times 3) + (10 \times 5)$

- 11) A. $(7 \times 0) \times 9 = 7 \times (0 \times 9)$
 B. $7 \times 1 = 7$
 C. $(7 \times 0) + (7 \times 9) = 7 \times (0 + 9)$
 D. $7 \times 0 = 0 \times 7$

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

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