



Determine which choice best shows the distributive property of multiplication.

Answers

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

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

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

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

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

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

- 7) A. $(6 \times 0) \times 3 = 6 \times (0 \times 3)$
 B. $(6 \times 0) + (6 \times 3) = 6 \times (0 + 3)$
 C. $6 \times 1 = 6$
 D. $6 \times 0 = 0 \times 6$

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

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

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

- 11) A. $0 \times 1 = 0$
 B. $(0 \times 2) + (0 \times 8) = 0 \times (2 + 8)$
 C. $0 \times 2 = 2 \times 0$
 D. $(0 \times 2) \times 8 = 0 \times (2 \times 8)$

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

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