



Determine which choice best shows the identity property of multiplication.

Answers

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

- 2) A. $0 \times (3 \times 9) = (0 \times 3) \times 9$
 B. $0 \times (3 + 9) = (0 \times 3) + (0 \times 9)$
 C. $1 \times 0 = 0$
 D. $0 \times 3 = 3 \times 0$

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

- 4) A. $7 \times 2 = 2 \times 7$
 B. $7 \times (2 \times 6) = (7 \times 2) \times 6$
 C. $1 \times 7 = 7$
 D. $7 \times (2 + 6) = (7 \times 2) + (7 \times 6)$

- 5) A. $1 \times 10 = 10$
 B. $10 \times (0 + 3) = (10 \times 0) + (10 \times 3)$
 C. $10 \times 0 = 0 \times 10$
 D. $10 \times (0 \times 3) = (10 \times 0) \times 3$

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

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

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

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

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

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

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

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