



Determine which choice best shows the identity property of multiplication.

Answers

- 1) A. $0 \times 1 = 0$
 B. $0 \times 2 = 2 \times 0$
 C. $(0 \times 2) \times 5 = 0 \times (2 \times 5)$
 D. $(0 \times 2) + (0 \times 5) = 0 \times (2 + 5)$
- 2) A. $(2 \times 3) + (2 \times 8) = 2 \times (3 + 8)$
 B. $(2 \times 3) \times 8 = 2 \times (3 \times 8)$
 C. $2 \times 1 = 2$
 D. $2 \times 3 = 3 \times 2$
- 3) A. $(6 \times 3) \times 7 = 6 \times (3 \times 7)$
 B. $(6 \times 3) + (6 \times 7) = 6 \times (3 + 7)$
 C. $6 \times 3 = 3 \times 6$
 D. $6 \times 1 = 6$
- 4) A. $3 \times (2 + 7) = (3 \times 2) + (3 \times 7)$
 B. $3 \times (2 \times 7) = (3 \times 2) \times 7$
 C. $3 \times 2 = 2 \times 3$
 D. $1 \times 3 = 3$
- 5) A. $(9 \times 7) \times 0 = 9 \times (7 \times 0)$
 B. $9 \times 7 = 7 \times 9$
 C. $(9 \times 7) + (9 \times 0) = 9 \times (7 + 0)$
 D. $9 \times 1 = 9$
- 6) A. $(0 \times 5) \times 6 = 0 \times (5 \times 6)$
 B. $0 \times 1 = 0$
 C. $(0 \times 5) + (0 \times 6) = 0 \times (5 + 6)$
 D. $0 \times 5 = 5 \times 0$
- 7) A. $(3 \times 5) + (3 \times 2) = 3 \times (5 + 2)$
 B. $3 \times 5 = 5 \times 3$
 C. $3 \times 1 = 3$
 D. $(3 \times 5) \times 2 = 3 \times (5 \times 2)$
- 8) A. $0 \times 7 = 7 \times 0$
 B. $0 \times (7 \times 9) = (0 \times 7) \times 9$
 C. $1 \times 0 = 0$
 D. $0 \times (7 + 9) = (0 \times 7) + (0 \times 9)$
- 9) A. $1 \times 3 = 3$
 B. $3 \times (0 + 8) = (3 \times 0) + (3 \times 8)$
 C. $3 \times 0 = 0 \times 3$
 D. $3 \times (0 \times 8) = (3 \times 0) \times 8$
- 10) A. $9 \times 7 = 7 \times 9$
 B. $9 \times (7 + 2) = (9 \times 7) + (9 \times 2)$
 C. $1 \times 9 = 9$
 D. $9 \times (7 \times 2) = (9 \times 7) \times 2$
- 11) A. $10 \times (8 + 6) = (10 \times 8) + (10 \times 6)$
 B. $10 \times (8 \times 6) = (10 \times 8) \times 6$
 C. $10 \times 8 = 8 \times 10$
 D. $1 \times 10 = 10$
- 12) A. $2 \times 1 = 2$
 B. $(2 \times 7) \times 0 = 2 \times (7 \times 0)$
 C. $(2 \times 7) + (2 \times 0) = 2 \times (7 + 0)$
 D. $2 \times 7 = 7 \times 2$

1. _____
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 C. $(2 \times 7) + (2 \times 0) = 2 \times (7 + 0)$
 D. $2 \times 7 = 7 \times 2$

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