



Determine which choice best shows the identity property of multiplication.

Answers

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

1. _____
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 C. $1 \times 1 = 1$
 D. $(1 \times 8) + (1 \times 4) = 1 \times (8 + 4)$

Answers

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