



Determine which choice best shows the identity property of multiplication.

Answers

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

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

- 3) A. $4 \times (3 + 0) = (4 \times 3) + (4 \times 0)$
 B. $4 \times (3 \times 0) = (4 \times 3) \times 0$
 C. $4 \times 3 = 3 \times 4$
 D. $1 \times 4 = 4$

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

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

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

- 7) A. $(3 \times 8) + (3 \times 2) = 3 \times (8 + 2)$
 B. $(3 \times 8) \times 2 = 3 \times (8 \times 2)$
 C. $3 \times 1 = 3$
 D. $3 \times 8 = 8 \times 3$

- 8) A. $9 \times (8 \times 6) = (9 \times 8) \times 6$
 B. $9 \times (8 + 6) = (9 \times 8) + (9 \times 6)$
 C. $9 \times 8 = 8 \times 9$
 D. $1 \times 9 = 9$

- 9) A. $6 \times (5 + 10) = (6 \times 5) + (6 \times 10)$
 B. $1 \times 6 = 6$
 C. $6 \times (5 \times 10) = (6 \times 5) \times 10$
 D. $6 \times 5 = 5 \times 6$

- 10) A. $0 \times (4 + 2) = (0 \times 4) + (0 \times 2)$
 B. $1 \times 0 = 0$
 C. $0 \times (4 \times 2) = (0 \times 4) \times 2$
 D. $0 \times 4 = 4 \times 0$

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

- 12) A. $8 \times (2 \times 3) = (8 \times 2) \times 3$
 B. $8 \times (2 + 3) = (8 \times 2) + (8 \times 3)$
 C. $1 \times 8 = 8$
 D. $8 \times 2 = 2 \times 8$

1. _____
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 C. $1 \times 8 = 8$
 D. $8 \times 2 = 2 \times 8$

Answers

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