



Determine which choice best shows the identity property of multiplication.

Answers

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

- 2) A. $4 \times 1 = 4$
 B. $(4 \times 3) + (4 \times 6) = 4 \times (3 + 6)$
 C. $(4 \times 3) \times 6 = 4 \times (3 \times 6)$
 D. $4 \times 3 = 3 \times 4$

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

- 4) A. $(5 \times 7) \times 2 = 5 \times (7 \times 2)$
 B. $5 \times 7 = 7 \times 5$
 C. $(5 \times 7) + (5 \times 2) = 5 \times (7 + 2)$
 D. $5 \times 1 = 5$

- 5) A. $(7 \times 3) + (7 \times 10) = 7 \times (3 + 10)$
 B. $7 \times 3 = 3 \times 7$
 C. $(7 \times 3) \times 10 = 7 \times (3 \times 10)$
 D. $7 \times 1 = 7$

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

- 7) A. $9 \times 8 = 8 \times 9$
 B. $9 \times (8 \times 5) = (9 \times 8) \times 5$
 C. $1 \times 9 = 9$
 D. $9 \times (8 + 5) = (9 \times 8) + (9 \times 5)$

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

- 9) A. $2 \times 9 = 9 \times 2$
 B. $2 \times (9 \times 6) = (2 \times 9) \times 6$
 C. $2 \times (9 + 6) = (2 \times 9) + (2 \times 6)$
 D. $1 \times 2 = 2$

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

- 11) A. $6 \times 1 = 6$
 B. $6 \times 3 = 3 \times 6$
 C. $(6 \times 3) + (6 \times 9) = 6 \times (3 + 9)$
 D. $(6 \times 3) \times 9 = 6 \times (3 \times 9)$

- 12) A. $10 \times 1 = 10$
 B. $(10 \times 9) \times 7 = 10 \times (9 \times 7)$
 C. $10 \times 9 = 9 \times 10$
 D. $(10 \times 9) + (10 \times 7) = 10 \times (9 + 7)$

1. _____
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 C. $10 \times 9 = 9 \times 10$
 D. $(10 \times 9) + (10 \times 7) = 10 \times (9 + 7)$

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