



Determine which choice best shows the identity property of multiplication.

Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

Answers

1. C

2. A

3. D

4. B

5. C

6. C

7. A

8. D

9. C

10. A

11. C

12. A