



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $7 \times (6 \times 9) = (7 \times 6) \times 9$
 B. $7 \times (6 + 9) = (7 \times 6) + (7 \times 9)$
 C. $7 \times 6 = 6 \times 7$
 D. $1 \times 7 = 7$

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

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

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

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

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

- 7) A. $1 \times 8 = 8$
 B. $8 \times (0 + 5) = (8 \times 0) + (8 \times 5)$
 C. $8 \times 0 = 0 \times 8$
 D. $8 \times (0 \times 5) = (8 \times 0) \times 5$

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

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

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

- 11) A. $(3 \times 4) \times 5 = 3 \times (4 \times 5)$
 B. $(3 \times 4) + (3 \times 5) = 3 \times (4 + 5)$
 C. $3 \times 1 = 3$
 D. $3 \times 4 = 4 \times 3$

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

1. _____
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Answers

1. A

2. A

3. C

4. D

5. B

6. B

7. D

8. C

9. C

10. A

11. A

12. D