



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $(0 \times 7) + (0 \times 4) = 0 \times (7 + 4)$
 B. $0 \times 1 = 0$
 C. $0 \times 7 = 7 \times 0$
 D. $(0 \times 7) \times 4 = 0 \times (7 \times 4)$

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

- 3) A. $0 \times 4 = 4 \times 0$
 B. $0 \times 1 = 0$
 C. $(0 \times 4) + (0 \times 6) = 0 \times (4 + 6)$
 D. $(0 \times 4) \times 6 = 0 \times (4 \times 6)$

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

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

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

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

- 8) A. $9 \times (2 \times 0) = (9 \times 2) \times 0$
 B. $1 \times 9 = 9$
 C. $9 \times (2 + 0) = (9 \times 2) + (9 \times 0)$
 D. $9 \times 2 = 2 \times 9$

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

- 10) A. $4 \times 9 = 9 \times 4$
 B. $4 \times (9 \times 2) = (4 \times 9) \times 2$
 C. $4 \times (9 + 2) = (4 \times 9) + (4 \times 2)$
 D. $1 \times 4 = 4$

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

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

1. _____
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 B. $(5 \times 1) + (5 \times 0) = 5 \times (1 + 0)$
 C. $(5 \times 1) \times 0 = 5 \times (1 \times 0)$
 D. $5 \times 1 = 1 \times 5$

Answers

1. D

2. C

3. D

4. C

5. A

6. D

7. C

8. A

9. A

10. B

11. C

12. C