



Determine which choice best shows the associative property of multiplication.

Answers

- 1) A. $0 \times 1 = 0$
 B. $(0 \times 6) \times 5 = 0 \times (6 \times 5)$
 C. $0 \times 6 = 6 \times 0$
 D. $(0 \times 6) + (0 \times 5) = 0 \times (6 + 5)$

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

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

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

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

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

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

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

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

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

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

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

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

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