



Determine which choice best shows the associative property of multiplication.

Answers

- | | |
|---|--|
| <p>1) A. $10 \times 1 = 10$
 B. $(10 \times 5) \times 6 = 10 \times (5 \times 6)$
 C. $(10 \times 5) + (10 \times 6) = 10 \times (5 + 6)$
 D. $10 \times 5 = 5 \times 10$</p> | <p>2) A. $(0 \times 6) + (0 \times 10) = 0 \times (6 + 10)$
 B. $(0 \times 6) \times 10 = 0 \times (6 \times 10)$
 C. $0 \times 1 = 0$
 D. $0 \times 6 = 6 \times 0$</p> |
| <p>3) A. $2 \times 1 = 2$
 B. $(2 \times 10) \times 3 = 2 \times (10 \times 3)$
 C. $2 \times 10 = 10 \times 2$
 D. $(2 \times 10) + (2 \times 3) = 2 \times (10 + 3)$</p> | <p>4) A. $1 \times 1 = 1$
 B. $(1 \times 5) + (1 \times 2) = 1 \times (5 + 2)$
 C. $1 \times 5 = 5 \times 1$
 D. $(1 \times 5) \times 2 = 1 \times (5 \times 2)$</p> |
| <p>5) A. $10 \times (9 \times 3) = (10 \times 9) \times 3$
 B. $10 \times (9 + 3) = (10 \times 9) + (10 \times 3)$
 C. $1 \times 10 = 10$
 D. $10 \times 9 = 9 \times 10$</p> | <p>6) A. $8 \times (9 + 10) = (8 \times 9) + (8 \times 10)$
 B. $1 \times 8 = 8$
 C. $8 \times (9 \times 10) = (8 \times 9) \times 10$
 D. $8 \times 9 = 9 \times 8$</p> |
| <p>7) A. $10 \times 0 = 0 \times 10$
 B. $1 \times 10 = 10$
 C. $10 \times (0 + 6) = (10 \times 0) + (10 \times 6)$
 D. $10 \times (0 \times 6) = (10 \times 0) \times 6$</p> | <p>8) A. $(1 \times 8) + (1 \times 2) = 1 \times (8 + 2)$
 B. $1 \times 1 = 1$
 C. $1 \times 8 = 8 \times 1$
 D. $(1 \times 8) \times 2 = 1 \times (8 \times 2)$</p> |
| <p>9) A. $10 \times (2 \times 6) = (10 \times 2) \times 6$
 B. $10 \times (2 + 6) = (10 \times 2) + (10 \times 6)$
 C. $1 \times 10 = 10$
 D. $10 \times 2 = 2 \times 10$</p> | <p>10) A. $1 \times 4 = 4 \times 1$
 B. $1 \times 1 = 1$
 C. $(1 \times 4) + (1 \times 8) = 1 \times (4 + 8)$
 D. $(1 \times 4) \times 8 = 1 \times (4 \times 8)$</p> |
| <p>11) A. $1 \times 10 = 10 \times 1$
 B. $1 \times (10 \times 4) = (1 \times 10) \times 4$
 C. $1 \times (10 + 4) = (1 \times 10) + (1 \times 4)$
 D. $1 \times 1 = 1$</p> | <p>12) A. $(2 \times 6) + (2 \times 1) = 2 \times (6 + 1)$
 B. $2 \times 6 = 6 \times 2$
 C. $(2 \times 6) \times 1 = 2 \times (6 \times 1)$
 D. $2 \times 1 = 2$</p> |

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

Answers

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