



Determine which choice best shows the distributive property of multiplication.

Answers

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

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