



Determine which choice best shows the associative property of multiplication.

Answers

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

1. _____
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4. _____
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 B. $6 \times (2 + 7) = (6 \times 2) + (6 \times 7)$
 C. $1 \times 6 = 6$
 D. $6 \times 2 = 2 \times 6$

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 D. $9 \times 4 = 4 \times 9$

- 12) A. $2 \times 5 = 5 \times 2$
 B. $1 \times 2 = 2$
 C. $2 \times (5 + 0) = (2 \times 5) + (2 \times 0)$
 D. $2 \times (5 \times 0) = (2 \times 5) \times 0$

Answers

1. **B**

2. **A**

3. **A**

4. **C**

5. **C**

6. **C**

7. **A**

8. **C**

9. **A**

10. **A**

11. **C**

12. **D**