



Determine which choice best shows the associative property of multiplication.

Answers

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

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

- 3) A. $(8 \times 3) \times 0 = 8 \times (3 \times 0)$
 B. $8 \times 1 = 8$
 C. $8 \times 3 = 3 \times 8$
 D. $(8 \times 3) + (8 \times 0) = 8 \times (3 + 0)$

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

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

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

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

- 8) A. $5 \times 1 = 5$
 B. $(5 \times 8) \times 6 = 5 \times (8 \times 6)$
 C. $5 \times 8 = 8 \times 5$
 D. $(5 \times 8) + (5 \times 6) = 5 \times (8 + 6)$

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

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

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

- 12) A. $(2 \times 9) + (2 \times 7) = 2 \times (9 + 7)$
 B. $2 \times 1 = 2$
 C. $(2 \times 9) \times 7 = 2 \times (9 \times 7)$
 D. $2 \times 9 = 9 \times 2$

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____



Determine which choice best shows the associative property of multiplication.

Answers

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

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