

**Determine which choice best shows the commutative property of multiplication.****Answers**

- 1) A. $(0 \times 7) + (0 \times 3) = 0 \times (7 + 3)$
B. $0 \times 1 = 0$
C. $(0 \times 7) \times 3 = 0 \times (7 \times 3)$
D. $0 \times 7 = 7 \times 0$

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

- 3) A. $6 \times 1 = 6$
B. $6 \times 5 = 5 \times 6$
C. $(6 \times 5) + (6 \times 3) = 6 \times (5 + 3)$
D. $(6 \times 5) \times 3 = 6 \times (5 \times 3)$

- 4) A. $4 \times 5 = 5 \times 4$
B. $1 \times 4 = 4$
C. $4 \times (5 \times 3) = (4 \times 5) \times 3$
D. $4 \times (5 + 3) = (4 \times 5) + (4 \times 3)$

- 5) A. $5 \times 2 = 2 \times 5$
B. $1 \times 5 = 5$
C. $5 \times (2 \times 8) = (5 \times 2) \times 8$
D. $5 \times (2 + 8) = (5 \times 2) + (5 \times 8)$

- 6) A. $9 \times (10 + 2) = (9 \times 10) + (9 \times 2)$
B. $9 \times (10 \times 2) = (9 \times 10) \times 2$
C. $9 \times 10 = 10 \times 9$
D. $1 \times 9 = 9$

- 7) A. $8 \times (7 + 3) = (8 \times 7) + (8 \times 3)$
B. $8 \times 7 = 7 \times 8$
C. $1 \times 8 = 8$
D. $8 \times (7 \times 3) = (8 \times 7) \times 3$

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

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

- 10) A. $1 \times 7 = 7$
B. $7 \times (6 \times 2) = (7 \times 6) \times 2$
C. $7 \times 6 = 6 \times 7$
D. $7 \times (6 + 2) = (7 \times 6) + (7 \times 2)$

- 11) A. $(2 \times 4) \times 10 = 2 \times (4 \times 10)$
B. $2 \times 1 = 2$
C. $(2 \times 4) + (2 \times 10) = 2 \times (4 + 10)$
D. $2 \times 4 = 4 \times 2$

- 12) A. $9 \times 5 = 5 \times 9$
B. $9 \times (5 + 8) = (9 \times 5) + (9 \times 8)$
C. $9 \times (5 \times 8) = (9 \times 5) \times 8$
D. $1 \times 9 = 9$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

**Determine which choice best shows the commutative property of multiplication.****Answers**

1) A. $(0 \times 7) + (0 \times 3) = 0 \times (7 + 3)$

B. $0 \times 1 = 0$

C. $(0 \times 7) \times 3 = 0 \times (7 \times 3)$

D. $0 \times 7 = 7 \times 0$

2) A. $1 \times 3 = 3 \times 1$

B. $(1 \times 3) \times 4 = 1 \times (3 \times 4)$

C. $(1 \times 3) + (1 \times 4) = 1 \times (3 + 4)$

D. $1 \times 1 = 1$

3) A. $6 \times 1 = 6$

B. $6 \times 5 = 5 \times 6$

C. $(6 \times 5) + (6 \times 3) = 6 \times (5 + 3)$

D. $(6 \times 5) \times 3 = 6 \times (5 \times 3)$

4) A. $4 \times 5 = 5 \times 4$

B. $1 \times 4 = 4$

C. $4 \times (5 \times 3) = (4 \times 5) \times 3$

D. $4 \times (5 + 3) = (4 \times 5) + (4 \times 3)$

5) A. $5 \times 2 = 2 \times 5$

B. $1 \times 5 = 5$

C. $5 \times (2 \times 8) = (5 \times 2) \times 8$

D. $5 \times (2 + 8) = (5 \times 2) + (5 \times 8)$

6) A. $9 \times (10 + 2) = (9 \times 10) + (9 \times 2)$

B. $9 \times (10 \times 2) = (9 \times 10) \times 2$

C. $9 \times 10 = 10 \times 9$

D. $1 \times 9 = 9$

7) A. $8 \times (7 + 3) = (8 \times 7) + (8 \times 3)$

B. $8 \times 7 = 7 \times 8$

C. $1 \times 8 = 8$

D. $8 \times (7 \times 3) = (8 \times 7) \times 3$

8) A. $9 \times (1 \times 7) = (9 \times 1) \times 7$

B. $1 \times 9 = 9$

C. $9 \times 1 = 1 \times 9$

D. $9 \times (1 + 7) = (9 \times 1) + (9 \times 7)$

9) A. $1 \times 1 = 1$

B. $(1 \times 8) + (1 \times 6) = 1 \times (8 + 6)$

C. $(1 \times 8) \times 6 = 1 \times (8 \times 6)$

D. $1 \times 8 = 8 \times 1$

10) A. $1 \times 7 = 7$

B. $7 \times (6 \times 2) = (7 \times 6) \times 2$

C. $7 \times 6 = 6 \times 7$

D. $7 \times (6 + 2) = (7 \times 6) + (7 \times 2)$

11) A. $(2 \times 4) \times 10 = 2 \times (4 \times 10)$

B. $2 \times 1 = 2$

C. $(2 \times 4) + (2 \times 10) = 2 \times (4 + 10)$

D. $2 \times 4 = 4 \times 2$

12) A. $9 \times 5 = 5 \times 9$

B. $9 \times (5 + 8) = (9 \times 5) + (9 \times 8)$

C. $9 \times (5 \times 8) = (9 \times 5) \times 8$

D. $1 \times 9 = 9$

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