

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

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

- 2) A. $4 \times 1 = 4$
B. $(4 \times 10) \times 8 = 4 \times (10 \times 8)$
C. $4 \times 10 = 10 \times 4$
D. $(4 \times 10) + (4 \times 8) = 4 \times (10 + 8)$

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

- 4) A. $3 \times 4 = 4 \times 3$
B. $(3 \times 4) \times 10 = 3 \times (4 \times 10)$
C. $(3 \times 4) + (3 \times 10) = 3 \times (4 + 10)$
D. $3 \times 1 = 3$

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

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

- 7) A. $(8 \times 5) \times 4 = 8 \times (5 \times 4)$
B. $8 \times 5 = 5 \times 8$
C. $8 \times 1 = 8$
D. $(8 \times 5) + (8 \times 4) = 8 \times (5 + 4)$

- 8) A. $9 \times 3 = 3 \times 9$
B. $9 \times 1 = 9$
C. $(9 \times 3) \times 7 = 9 \times (3 \times 7)$
D. $(9 \times 3) + (9 \times 7) = 9 \times (3 + 7)$

- 9) A. $3 \times (5 \times 0) = (3 \times 5) \times 0$
B. $3 \times 5 = 5 \times 3$
C. $1 \times 3 = 3$
D. $3 \times (5 + 0) = (3 \times 5) + (3 \times 0)$

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

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

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

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C. $7 \times (3 \times 4) = (7 \times 3) \times 4$

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B. $(4 \times 10) \times 8 = 4 \times (10 \times 8)$

C. $4 \times 10 = 10 \times 4$

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

B. $5 \times 1 = 5$

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

4) A. $3 \times 4 = 4 \times 3$

B. $(3 \times 4) \times 10 = 3 \times (4 \times 10)$

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B. $1 \times 8 = 8$

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

B. $9 \times 1 = 9$

C. $(9 \times 1) + (9 \times 4) = 9 \times (1 + 4)$

D. $(9 \times 1) \times 4 = 9 \times (1 \times 4)$

7) A. $(8 \times 5) \times 4 = 8 \times (5 \times 4)$

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8) A. $9 \times 3 = 3 \times 9$

B. $9 \times 1 = 9$

C. $(9 \times 3) \times 7 = 9 \times (3 \times 7)$

D. $(9 \times 3) + (9 \times 7) = 9 \times (3 + 7)$

9) A. $3 \times (5 \times 0) = (3 \times 5) \times 0$

B. $3 \times 5 = 5 \times 3$

C. $1 \times 3 = 3$

D. $3 \times (5 + 0) = (3 \times 5) + (3 \times 0)$

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

B. $4 \times (5 + 1) = (4 \times 5) + (4 \times 1)$

C. $4 \times (5 \times 1) = (4 \times 5) \times 1$

D. $1 \times 4 = 4$

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

B. $3 \times (1 \times 6) = (3 \times 1) \times 6$

C. $3 \times 1 = 1 \times 3$

D. $3 \times (1 + 6) = (3 \times 1) + (3 \times 6)$

12) A. $7 \times 2 = 2 \times 7$

B. $7 \times (2 + 1) = (7 \times 2) + (7 \times 1)$

C. $1 \times 7 = 7$

D. $7 \times (2 \times 1) = (7 \times 2) \times 1$

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