



Finding Distributive Property of Multiplication

Name: _____

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

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

- 2) A. $7 \times (6 \times 9) = (7 \times 6) \times 9$
 B. $7 \times (6 + 9) = (7 \times 6) + (7 \times 9)$
 C. $7 \times 6 = 6 \times 7$
 D. $1 \times 7 = 7$

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

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

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

- 6) A. $(7 \times 5) \times 6 = 7 \times (5 \times 6)$
 B. $7 \times 5 = 5 \times 7$
 C. $(7 \times 5) + (7 \times 6) = 7 \times (5 + 6)$
 D. $7 \times 1 = 7$

- 7) A. $1 \times 5 = 5$
 B. $5 \times (10 + 9) = (5 \times 10) + (5 \times 9)$
 C. $5 \times 10 = 10 \times 5$
 D. $5 \times (10 \times 9) = (5 \times 10) \times 9$

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

- 9) A. $4 \times 1 = 4$
 B. $(4 \times 6) + (4 \times 5) = 4 \times (6 + 5)$
 C. $(4 \times 6) \times 5 = 4 \times (6 \times 5)$
 D. $4 \times 6 = 6 \times 4$

- 10) A. $2 \times 1 = 2$
 B. $(2 \times 4) \times 6 = 2 \times (4 \times 6)$
 C. $(2 \times 4) + (2 \times 6) = 2 \times (4 + 6)$
 D. $2 \times 4 = 4 \times 2$

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

- 12) A. $2 \times (0 + 8) = (2 \times 0) + (2 \times 8)$
 B. $2 \times 0 = 0 \times 2$
 C. $2 \times (0 \times 8) = (2 \times 0) \times 8$
 D. $1 \times 2 = 2$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Finding Distributive Property of Multiplication

Name:

Answer Key

Determine which choice best shows the distributive property of multiplication.

Answers

1) A. $5 \times 8 = 8 \times 5$

2) A. $7 \times (6 \times 9) = (7 \times 6) \times 9$

B. $5 \times 1 = 5$

B. $7 \times (6 + 9) = (7 \times 6) + (7 \times 9)$

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

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

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

D. $1 \times 7 = 7$

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

3) A. $2 \times 6 = 6 \times 2$

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

B. $(2 \times 6) + (2 \times 5) = 2 \times (6 + 5)$

B. $(1 \times 7) \times 9 = 1 \times (7 \times 9)$

C. $(2 \times 6) \times 5 = 2 \times (6 \times 5)$

C. $1 \times 7 = 7 \times 1$

D. $2 \times 1 = 2$

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

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

6) A. $(7 \times 5) \times 6 = 7 \times (5 \times 6)$

B. $6 \times 1 = 6$

B. $7 \times 5 = 5 \times 7$

C. $(6 \times 9) + (6 \times 8) = 6 \times (9 + 8)$

C. $(7 \times 5) + (7 \times 6) = 7 \times (5 + 6)$

D. $(6 \times 9) \times 8 = 6 \times (9 \times 8)$

D. $7 \times 1 = 7$

7) A. $1 \times 5 = 5$

8) A. $(1 \times 8) + (1 \times 2) = 1 \times (8 + 2)$

B. $5 \times (10 + 9) = (5 \times 10) + (5 \times 9)$

B. $1 \times 1 = 1$

C. $5 \times 10 = 10 \times 5$

C. $(1 \times 8) \times 2 = 1 \times (8 \times 2)$

D. $5 \times (10 \times 9) = (5 \times 10) \times 9$

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

9) A. $4 \times 1 = 4$

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

B. $(4 \times 6) + (4 \times 5) = 4 \times (6 + 5)$

B. $(2 \times 4) \times 6 = 2 \times (4 \times 6)$

C. $(4 \times 6) \times 5 = 4 \times (6 \times 5)$

C. $(2 \times 4) + (2 \times 6) = 2 \times (4 + 6)$

D. $4 \times 6 = 6 \times 4$

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

11) A. $8 \times (0 \times 1) = (8 \times 0) \times 1$

12) A. $2 \times (0 + 8) = (2 \times 0) + (2 \times 8)$

B. $8 \times 0 = 0 \times 8$

B. $2 \times 0 = 0 \times 2$

C. $1 \times 8 = 8$

C. $2 \times (0 \times 8) = (2 \times 0) \times 8$

D. $8 \times (0 + 1) = (8 \times 0) + (8 \times 1)$

D. $1 \times 2 = 2$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								