



Finding Distributive Property of Multiplication

Name: _____

Determine which choice best shows the distributive property of multiplication.

Answers

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

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

B. $4 \times (3 \times 9) = (4 \times 3) \times 9$

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

C. $4 \times (3 + 9) = (4 \times 3) + (4 \times 9)$

C. $5 \times 2 = 2 \times 5$

D. $1 \times 4 = 4$

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

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

3) A. $5 \times (1 \times 4) = (5 \times 1) \times 4$

4) A. $(1 \times 6) \times 0 = 1 \times (6 \times 0)$

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

B. $(1 \times 6) + (1 \times 0) = 1 \times (6 + 0)$

C. $1 \times 5 = 5$

C. $1 \times 6 = 6 \times 1$

D. $5 \times 1 = 1 \times 5$

D. $1 \times 1 = 1$

5) A. $(9 \times 6) \times 3 = 9 \times (6 \times 3)$

6) A. $(0 \times 6) \times 3 = 0 \times (6 \times 3)$

B. $(9 \times 6) + (9 \times 3) = 9 \times (6 + 3)$

B. $(0 \times 6) + (0 \times 3) = 0 \times (6 + 3)$

C. $9 \times 6 = 6 \times 9$

C. $0 \times 1 = 0$

D. $9 \times 1 = 9$

D. $0 \times 6 = 6 \times 0$

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

8) A. $5 \times (6 \times 3) = (5 \times 6) \times 3$

B. $7 \times (2 + 3) = (7 \times 2) + (7 \times 3)$

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

C. $7 \times (2 \times 3) = (7 \times 2) \times 3$

C. $1 \times 5 = 5$

D. $1 \times 7 = 7$

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

9) A. $10 \times (9 \times 7) = (10 \times 9) \times 7$

10) A. $(6 \times 0) + (6 \times 1) = 6 \times (0 + 1)$

B. $1 \times 10 = 10$

B. $6 \times 1 = 6$

C. $10 \times (9 + 7) = (10 \times 9) + (10 \times 7)$

C. $(6 \times 0) \times 1 = 6 \times (0 \times 1)$

D. $10 \times 9 = 9 \times 10$

D. $6 \times 0 = 0 \times 6$

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

12) A. $9 \times (7 + 10) = (9 \times 7) + (9 \times 10)$

B. $10 \times (1 \times 2) = (10 \times 1) \times 2$

B. $1 \times 9 = 9$

C. $10 \times (1 + 2) = (10 \times 1) + (10 \times 2)$

C. $9 \times (7 \times 10) = (9 \times 7) \times 10$

D. $1 \times 10 = 10$

D. $9 \times 7 = 7 \times 9$

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



Finding Distributive Property of Multiplication Name: **Answer Key**

Determine which choice best shows the distributive property of multiplication.

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

B. $4 \times (3 \times 9) = (4 \times 3) \times 9$

C. $4 \times (3 + 9) = (4 \times 3) + (4 \times 9)$

D. $1 \times 4 = 4$

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

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

C. $5 \times 2 = 2 \times 5$

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

3) A. $5 \times (1 \times 4) = (5 \times 1) \times 4$

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

C. $1 \times 5 = 5$

D. $5 \times 1 = 1 \times 5$

4) A. $(1 \times 6) \times 0 = 1 \times (6 \times 0)$

B. $(1 \times 6) + (1 \times 0) = 1 \times (6 + 0)$

C. $1 \times 6 = 6 \times 1$

D. $1 \times 1 = 1$

5) A. $(9 \times 6) \times 3 = 9 \times (6 \times 3)$

B. $(9 \times 6) + (9 \times 3) = 9 \times (6 + 3)$

C. $9 \times 6 = 6 \times 9$

D. $9 \times 1 = 9$

6) A. $(0 \times 6) \times 3 = 0 \times (6 \times 3)$

B. $(0 \times 6) + (0 \times 3) = 0 \times (6 + 3)$

C. $0 \times 1 = 0$

D. $0 \times 6 = 6 \times 0$

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

B. $7 \times (2 + 3) = (7 \times 2) + (7 \times 3)$

C. $7 \times (2 \times 3) = (7 \times 2) \times 3$

D. $1 \times 7 = 7$

8) A. $5 \times (6 \times 3) = (5 \times 6) \times 3$

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

C. $1 \times 5 = 5$

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

9) A. $10 \times (9 \times 7) = (10 \times 9) \times 7$

B. $1 \times 10 = 10$

C. $10 \times (9 + 7) = (10 \times 9) + (10 \times 7)$

D. $10 \times 9 = 9 \times 10$

10) A. $(6 \times 0) + (6 \times 1) = 6 \times (0 + 1)$

B. $6 \times 1 = 6$

C. $(6 \times 0) \times 1 = 6 \times (0 \times 1)$

D. $6 \times 0 = 0 \times 6$

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

B. $10 \times (1 \times 2) = (10 \times 1) \times 2$

C. $10 \times (1 + 2) = (10 \times 1) + (10 \times 2)$

D. $1 \times 10 = 10$

12) A. $9 \times (7 + 10) = (9 \times 7) + (9 \times 10)$

B. $1 \times 9 = 9$

C. $9 \times (7 \times 10) = (9 \times 7) \times 10$

D. $9 \times 7 = 7 \times 9$

Answers

1. **C**

2. **B**

3. **B**

4. **B**

5. **B**

6. **B**

7. **B**

8. **D**

9. **C**

10. **A**

11. **C**

12. **A**

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