



## Finding Distributive Property of Multiplication

Name: \_\_\_\_\_

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

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

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

B.  $9 \times 5 = 5 \times 9$

B.  $(9 \times 5) + (9 \times 7) = 9 \times (5 + 7)$

C.  $(9 \times 5) + (9 \times 3) = 9 \times (5 + 3)$

C.  $(9 \times 5) \times 7 = 9 \times (5 \times 7)$

D.  $9 \times 1 = 9$

D.  $9 \times 1 = 9$

1. \_\_\_\_\_

3) A.  $(10 \times 9) \times 6 = 10 \times (9 \times 6)$

4) A.  $(10 \times 4) + (10 \times 3) = 10 \times (4 + 3)$

B.  $10 \times 1 = 10$

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

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

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

D.  $(10 \times 9) + (10 \times 6) = 10 \times (9 + 6)$

D.  $10 \times 1 = 10$

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

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

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

B.  $5 \times 1 = 5$

B.  $(7 \times 5) \times 0 = 7 \times (5 \times 0)$

C.  $(5 \times 3) + (5 \times 8) = 5 \times (3 + 8)$

C.  $7 \times 1 = 7$

D.  $5 \times 3 = 3 \times 5$

D.  $(7 \times 5) + (7 \times 0) = 7 \times (5 + 0)$

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

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

B.  $6 \times 3 = 3 \times 6$

B.  $1 \times 9 = 9$

C.  $(6 \times 3) \times 7 = 6 \times (3 \times 7)$

C.  $9 \times (6 + 1) = (9 \times 6) + (9 \times 1)$

D.  $(6 \times 3) + (6 \times 7) = 6 \times (3 + 7)$

D.  $9 \times (6 \times 1) = (9 \times 6) \times 1$

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

10) A.  $9 \times (10 + 3) = (9 \times 10) + (9 \times 3)$

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

B.  $1 \times 9 = 9$

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

C.  $9 \times (10 \times 3) = (9 \times 10) \times 3$

D.  $1 \times 9 = 9$

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

11) A.  $7 \times 3 = 3 \times 7$

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

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

B.  $1 \times (4 \times 2) = (1 \times 4) \times 2$

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

C.  $1 \times (4 + 2) = (1 \times 4) + (1 \times 2)$

D.  $7 \times 1 = 7$

D.  $1 \times 1 = 1$



Determine which choice best shows the distributive property of multiplication.

**Answers**

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

B.  $9 \times 5 = 5 \times 9$

C.  $(9 \times 5) + (9 \times 3) = 9 \times (5 + 3)$

D.  $9 \times 1 = 9$

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

B.  $(9 \times 5) + (9 \times 7) = 9 \times (5 + 7)$

C.  $(9 \times 5) \times 7 = 9 \times (5 \times 7)$

D.  $9 \times 1 = 9$

1. **C**

3) A.  $(10 \times 9) \times 6 = 10 \times (9 \times 6)$

B.  $10 \times 1 = 10$

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

D.  $(10 \times 9) + (10 \times 6) = 10 \times (9 + 6)$

4) A.  $(10 \times 4) + (10 \times 3) = 10 \times (4 + 3)$

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

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

D.  $10 \times 1 = 10$

4. **A**

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

B.  $5 \times 1 = 5$

C.  $(5 \times 3) + (5 \times 8) = 5 \times (3 + 8)$

D.  $5 \times 3 = 3 \times 5$

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

B.  $(7 \times 5) \times 0 = 7 \times (5 \times 0)$

C.  $7 \times 1 = 7$

D.  $(7 \times 5) + (7 \times 0) = 7 \times (5 + 0)$

7. **D**

8. **C**

9. **B**

10. **A**

11. **C**

12. **C**

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

B.  $6 \times 3 = 3 \times 6$

C.  $(6 \times 3) \times 7 = 6 \times (3 \times 7)$

D.  $(6 \times 3) + (6 \times 7) = 6 \times (3 + 7)$

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

B.  $1 \times 9 = 9$

C.  $9 \times (6 + 1) = (9 \times 6) + (9 \times 1)$

D.  $9 \times (6 \times 1) = (9 \times 6) \times 1$

9) 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.  $1 \times 9 = 9$

10) A.  $9 \times (10 + 3) = (9 \times 10) + (9 \times 3)$

B.  $1 \times 9 = 9$

C.  $9 \times (10 \times 3) = (9 \times 10) \times 3$

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

11) A.  $7 \times 3 = 3 \times 7$

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

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

D.  $7 \times 1 = 7$

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

B.  $1 \times (4 \times 2) = (1 \times 4) \times 2$

C.  $1 \times (4 + 2) = (1 \times 4) + (1 \times 2)$

D.  $1 \times 1 = 1$

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