



Examining Distributive Property

Name: _____

Rewrite each problem using the distributive property of Multiplication.

1) $4 \times (3 + 9) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

1. _____

2) $4 \times (6 + 3) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

2. _____

3) $7 \times (2 + 3) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

3. _____

4) $9 \times (8 + 4) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

4. _____

5) $7 \times (8 + 2) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

5. _____

6) $2 \times (3 + 7) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

6. _____

7) $2 \times (5 + 4) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

7. _____

8) $6 \times (8 + 9) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

8. _____

9) $2 \times (6 + 7) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

9. _____

10) $6 \times (4 + 2) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

10. _____

11) $(2 \times 5) + (2 \times 3) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

11. _____

12) $(4 \times 5) + (4 \times 6) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

12. _____

13) $(7 \times 9) + (7 \times 2) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

13. _____

14) $(7 \times 8) + (7 \times 5) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

14. _____

15) $(9 \times 3) + (9 \times 2) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

15. _____

16) $(9 \times 2) + (9 \times 3) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

16. _____

17) $(3 \times 6) + (3 \times 9) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

17. _____

18) $(7 \times 2) + (7 \times 5) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

18. _____

19) $(7 \times 2) + (7 \times 9) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

19. _____

20) $(8 \times 9) + (8 \times 4) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

20. _____

Answers



Examining Distributive Property

Name: **Answer Key**

Rewrite each problem using the distributive property of Multiplication.

1) $4 \times (3 + 9) = (\underline{4} \times \underline{3}) + (\underline{4} \times \underline{9})$

1. $(4 \times 3) + (4 \times 9)$

2) $4 \times (6 + 3) = (\underline{4} \times \underline{6}) + (\underline{4} \times \underline{3})$

2. $(4 \times 6) + (4 \times 3)$

3) $7 \times (2 + 3) = (\underline{7} \times \underline{2}) + (\underline{7} \times \underline{3})$

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

4) $9 \times (8 + 4) = (\underline{9} \times \underline{8}) + (\underline{9} \times \underline{4})$

4. $(9 \times 8) + (9 \times 4)$

5) $7 \times (8 + 2) = (\underline{7} \times \underline{8}) + (\underline{7} \times \underline{2})$

5. $(7 \times 8) + (7 \times 2)$

6) $2 \times (3 + 7) = (\underline{2} \times \underline{3}) + (\underline{2} \times \underline{7})$

6. $(2 \times 3) + (2 \times 7)$

7) $2 \times (5 + 4) = (\underline{2} \times \underline{5}) + (\underline{2} \times \underline{4})$

7. $(2 \times 5) + (2 \times 4)$

8) $6 \times (8 + 9) = (\underline{6} \times \underline{8}) + (\underline{6} \times \underline{9})$

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

9) $2 \times (6 + 7) = (\underline{2} \times \underline{6}) + (\underline{2} \times \underline{7})$

9. $(2 \times 6) + (2 \times 7)$

10) $6 \times (4 + 2) = (\underline{6} \times \underline{4}) + (\underline{6} \times \underline{2})$

10. $(6 \times 4) + (6 \times 2)$

11) $(2 \times 5) + (2 \times 3) = \underline{2} \times (\underline{5} + \underline{3})$

11. $2 \times (5 + 3)$

12) $(4 \times 5) + (4 \times 6) = \underline{4} \times (\underline{5} + \underline{6})$

12. $4 \times (5 + 6)$

13) $(7 \times 9) + (7 \times 2) = \underline{7} \times (\underline{9} + \underline{2})$

13. $7 \times (9 + 2)$

14) $(7 \times 8) + (7 \times 5) = \underline{7} \times (\underline{8} + \underline{5})$

14. $7 \times (8 + 5)$

15) $(9 \times 3) + (9 \times 2) = \underline{9} \times (\underline{3} + \underline{2})$

15. $9 \times (3 + 2)$

16) $(9 \times 2) + (9 \times 3) = \underline{9} \times (\underline{2} + \underline{3})$

16. $9 \times (2 + 3)$

17) $(3 \times 6) + (3 \times 9) = \underline{3} \times (\underline{6} + \underline{9})$

17. $3 \times (6 + 9)$

18) $(7 \times 2) + (7 \times 5) = \underline{7} \times (\underline{2} + \underline{5})$

18. $7 \times (2 + 5)$

19) $(7 \times 2) + (7 \times 9) = \underline{7} \times (\underline{2} + \underline{9})$

19. $7 \times (2 + 9)$

20) $(8 \times 9) + (8 \times 4) = \underline{8} \times (\underline{9} + \underline{4})$

20. $8 \times (9 + 4)$ **Answers**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0