



Examining Distributive Property

Name: _____

Rewrite each problem using the distributive property of Multiplication.

1) $7 \times (3 + 5) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

1. _____

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

2. _____

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

3. _____

4) $9 \times (4 + 5) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

4. _____

5) $6 \times (9 + 7) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

5. _____

6) $3 \times (6 + 5) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

6. _____

7) $5 \times (8 + 9) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

7. _____

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

8. _____

9) $5 \times (3 + 7) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

9. _____

10) $2 \times (3 + 8) = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad})$

10. _____

11) $(5 \times 4) + (5 \times 3) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

11. _____

12) $(8 \times 9) + (8 \times 2) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

12. _____

13) $(6 \times 3) + (6 \times 9) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

13. _____

14) $(4 \times 6) + (4 \times 2) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

14. _____

15) $(2 \times 9) + (2 \times 5) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

15. _____

16) $(6 \times 2) + (6 \times 8) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

16. _____

17) $(6 \times 8) + (6 \times 3) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

17. _____

18) $(6 \times 5) + (6 \times 2) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

18. _____

19) $(4 \times 6) + (4 \times 8) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

19. _____

20) $(2 \times 8) + (2 \times 6) = \underline{\quad} \times (\underline{\quad} + \underline{\quad})$

20. _____

Answers



Examining Distributive Property

Name: **Answer Key**

Rewrite each problem using the distributive property of Multiplication.

1) $7 \times (3 + 5) = (\underline{7} \times \underline{3}) + (\underline{7} \times \underline{5})$

Answers

1. $(7 \times 3) + (7 \times 5)$

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

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

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

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

4) $9 \times (4 + 5) = (\underline{9} \times \underline{4}) + (\underline{9} \times \underline{5})$

4. $(9 \times 4) + (9 \times 5)$

5) $6 \times (9 + 7) = (\underline{6} \times \underline{9}) + (\underline{6} \times \underline{7})$

5. $(6 \times 9) + (6 \times 7)$

6) $3 \times (6 + 5) = (\underline{3} \times \underline{6}) + (\underline{3} \times \underline{5})$

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

7) $5 \times (8 + 9) = (\underline{5} \times \underline{8}) + (\underline{5} \times \underline{9})$

7. $(5 \times 8) + (5 \times 9)$

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

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

9) $5 \times (3 + 7) = (\underline{5} \times \underline{3}) + (\underline{5} \times \underline{7})$

9. $(5 \times 3) + (5 \times 7)$

10) $2 \times (3 + 8) = (\underline{2} \times \underline{3}) + (\underline{2} \times \underline{8})$

10. $(2 \times 3) + (2 \times 8)$

11) $(5 \times 4) + (5 \times 3) = \underline{5} \times (\underline{4} + \underline{3})$

11. $5 \times (4 + 3)$

12) $(8 \times 9) + (8 \times 2) = \underline{8} \times (\underline{9} + \underline{2})$

12. $8 \times (9 + 2)$

13) $(6 \times 3) + (6 \times 9) = \underline{6} \times (\underline{3} + \underline{9})$

13. $6 \times (3 + 9)$

14) $(4 \times 6) + (4 \times 2) = \underline{4} \times (\underline{6} + \underline{2})$

14. $4 \times (6 + 2)$

15) $(2 \times 9) + (2 \times 5) = \underline{2} \times (\underline{9} + \underline{5})$

15. $2 \times (9 + 5)$

16) $(6 \times 2) + (6 \times 8) = \underline{6} \times (\underline{2} + \underline{8})$

16. $6 \times (2 + 8)$

17) $(6 \times 8) + (6 \times 3) = \underline{6} \times (\underline{8} + \underline{3})$

17. $6 \times (8 + 3)$

18) $(6 \times 5) + (6 \times 2) = \underline{6} \times (\underline{5} + \underline{2})$

18. $6 \times (5 + 2)$

19) $(4 \times 6) + (4 \times 8) = \underline{4} \times (\underline{6} + \underline{8})$

19. $4 \times (6 + 8)$

20) $(2 \times 8) + (2 \times 6) = \underline{2} \times (\underline{8} + \underline{6})$

20. $2 \times (8 + 6)$