

name _____

distributive property practice

Simplify the following expressions. Don't forget to show all work!

1. $5(x + 9)$

2. $3(x + 1)$

3. $5(x + 12)$

4. $4(2x + 10)$

5. $6(4x + 11y)$

6. $10(3x + 5 + 8)$

7. $12(2x + 5y)$

8. $11(9x + 7y + 3)$

9. $20(2x + y)$

10. $7(x - 4)$

11. $5(x - 2)$

12. $2(x - 8)$

13. $5(3x - 12)$

14. $6(3x - 7y)$

15. $8(10x - 4 - 9)$

16. $10(9x - 11y)$

17. $11(4x - 6y - 3)$

18. $9(6x - 8y)$

Review Adding Integers

19. $-19 + 21$

20. $-34 + -11$

21. $15 + -39$

22. $-17 + -34$

23. $-24 + 68$

24. $-41 + -32$

25. $-26 + 18$

Bonus – Simplify the following: $7(4x + 10) + 6(5x - 8y) + 4(3y - 2)$