Simplifying Expressions with Distributive Property: Fluency Practice

Simplify each expression and find your answer on the accompanying picture. Color!

1. $5x - 7(2 - 4x)$ red

2. $8 - 3(6 - 6x)$ green

3. $9x - 4(2x + 5)$ blue

4. $-3 - 8(-5x - 1)$ brown

5. $-7x + 4(3x - 6)$ purple

6. $-8(2x - 4) + 5$ brown

7. $2(x + 6) - 9x$ orange

8. $-5(-7 - 3x) - 7$ yellow

9. $4(-2x + 6) + x$ purple

10. $4x - 9(3 - x)$ blue

11. $-8 - 8(6x + 1)$ blue

12. $-5(-7 + x) - 7x$ red

13. $4x - 7(3 - 3x) - 9$ green

14. $-8 + 6(-x - 3) + 4x$ yellow

15. $-2x + 7 - 3(-9 - 4x)$ orange

16. $-1 + 5x - 9(-2 + 5x)$ blue

17. $9(3x - 9) - 7 - 2x$ green

18. $-4(5 + x) + x + 6$ purple

19. $-6x - 2(-5x + 9) - 3x$ blue

20. $5 - 8(1 - x) - 9x$ blue

21. $-x + 7 + 5(-4 + 7x)$ yellow

22. $-6(-6x - 3) - 2 + 8x$ orange

23. $4x - 5x + 3(x + 4)$ orange

24. $7 + 9(-2n + 9) + 1$ green

25. $-2x - \frac{1}{4}(12x - 8)$ green

26. $-5.4x + 4.2 - 1.6x + 3.8$ purple

27. $\frac{1}{3}x - 2\frac{1}{3}x + 2\left(\frac{3}{2}x - 6\right)$ yellow