Distributing & Combining to Simplify Expressions Class Work

🕊 **You will be able to...** simplify algebraic expressions by applying the distributive property and combining like terms.

★ Sometimes, you may have to apply the distributive property and then combine lie terms to simplify algebraic expressions.

∽ **Example:** $5(n-2) + 4(2n+3)$ *First distribute, then combine.

🖉 Practice! Simplify each expression.

1. $4(3x+10) + 2(x-9)$ 2. $5 + 6(2x-5)$

3. $-8(2v-8) + 3(v+2)$ 4. $3s + 10(3s-10)$

5. $4(2q+3r+5) + 3(5q-6r)$ 6. $9(3h-5f+10) + 2(7h+3f)$

Record each problem from our game, as well as the final solution. A great way to study would be going back and retrying these problems, along with any homework problems from this unit! ☺