

Name: \_\_\_\_\_

Date: \_\_\_\_\_

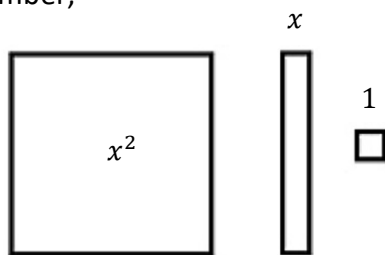
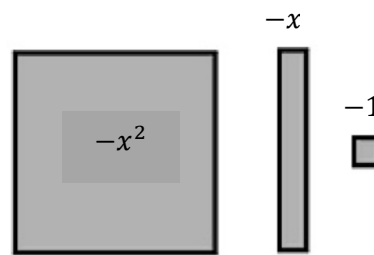
**Learning Goal 5.2**

I can add and subtract polynomials.

So far, we have learned about

- Monomials, binomials, trinomials and polynomials,
- The degree of a polynomial,
- How to add and subtract different types of polynomials, and
- How to use algebra tiles to help us find the solutions to addition and subtraction problems.

Remember,

Light represents **positive terms**Dark represents **negative terms****Step 1** Designing your Art.

You will design a picture using algebra tiles. Your picture must use both positive and negative tiles of all three sizes. You may use whichever light and dark colours as you want, but only one colour per positive/negative tile type (for a total of **6 possible colours**). You must include a **legend** to indicate what the different colours mean.

It is helpful for this project if your picture is not symmetrical. It is a hard urge to fight when using such few shapes, but the project is moot if your art is too symmetrical so try to think outside the box!