Week 5 math 10 blog post

This week in math 10 we started polynomials. These are very different from trig because your calculator can’t help you at all so I learned some cool ways to solve polynomials without a calculator.

The first way we learned was to model it. This is useful when the question is simply and your looking for a visual.

Here’s and example of a question

(2+x)(3-x)

First you’ll need to know the algebra tiles



Green= positive

Red= negative



Seconded you will need to identify want is in your equation

(2+x)(1-x)

You have







Then you’ll have to move it in to your chat.



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You chart will end up looking like this. Your final answer will be in the middle of the chart

Another way of solving bigger and hard polynomials is foil.

**F**ront

**O**uter

**I**nner

**L**ast

Foil is use when I question is too big to draw. Foil is my favorite to use.

First you Identify you front, outer, inner, and last



(x+5)(x+2)



Then you multiply

x(x+2) 5(x+2)

x(x) x(2) 5(x) 5(2)

x +2x+5x+10



the we combine like terms

x +7x+10



that is a simpler and fast way of getting to the same answer. I find both very useful but I enjoy using foil more because I is more compact and more organized.