BOARD NOTES

1 OCTOBER 2019

2A.3 (G) determine possible solutions in the solution set of systems of two or more linear inequalities in two variables.

2A.4 (H) solve quadratic inequalities.

2A.6 (F) solve absolute value linear inequalities;

We will be able to solve quadratic inequalities in one variable.

WHAT WE NEED:

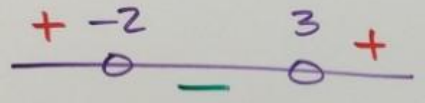
- TI – 84

I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVING THE

- Quadratic inequality

$x^2 - x - 6 < 0$

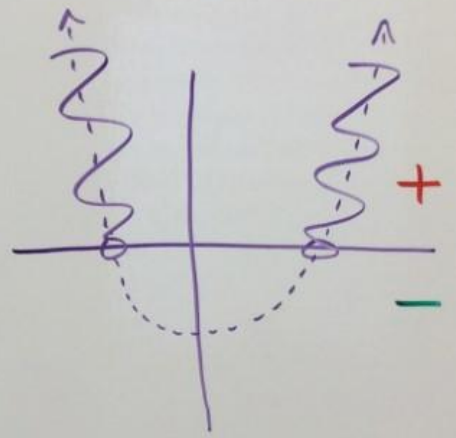
$(x-3)(x+2) < 0$

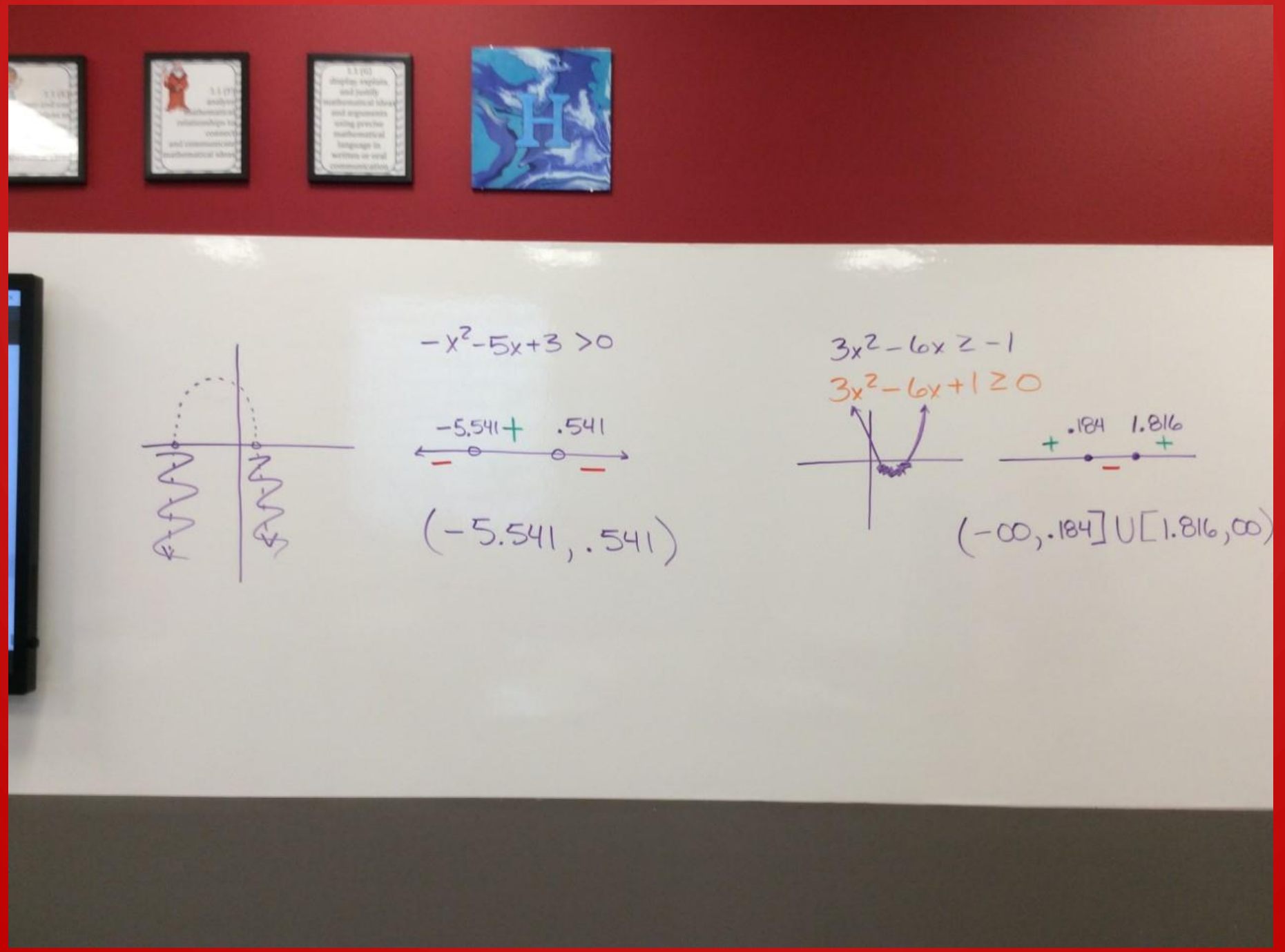


$(-2, 3)$

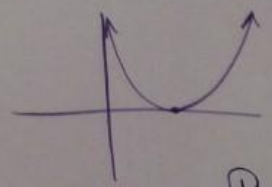
OR

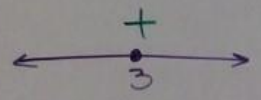
$-2 < x < 3$




$-x^2-5x+3>0$
-5.541 + .541
$(-5.541, .541)$
$3x^2-6x \geq -1$
$3x^2-6x+1 \geq 0$
.184 1.816
$(-\infty, .184] \cup [1.816, \infty)$

$x^2-6x+9 \geq 0$





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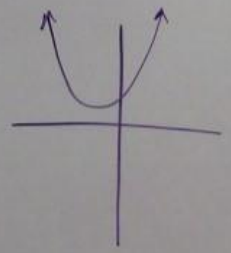
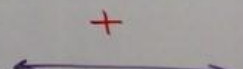
$x^2+x+1 \leq 0$





$\varnothing$ or No Soln