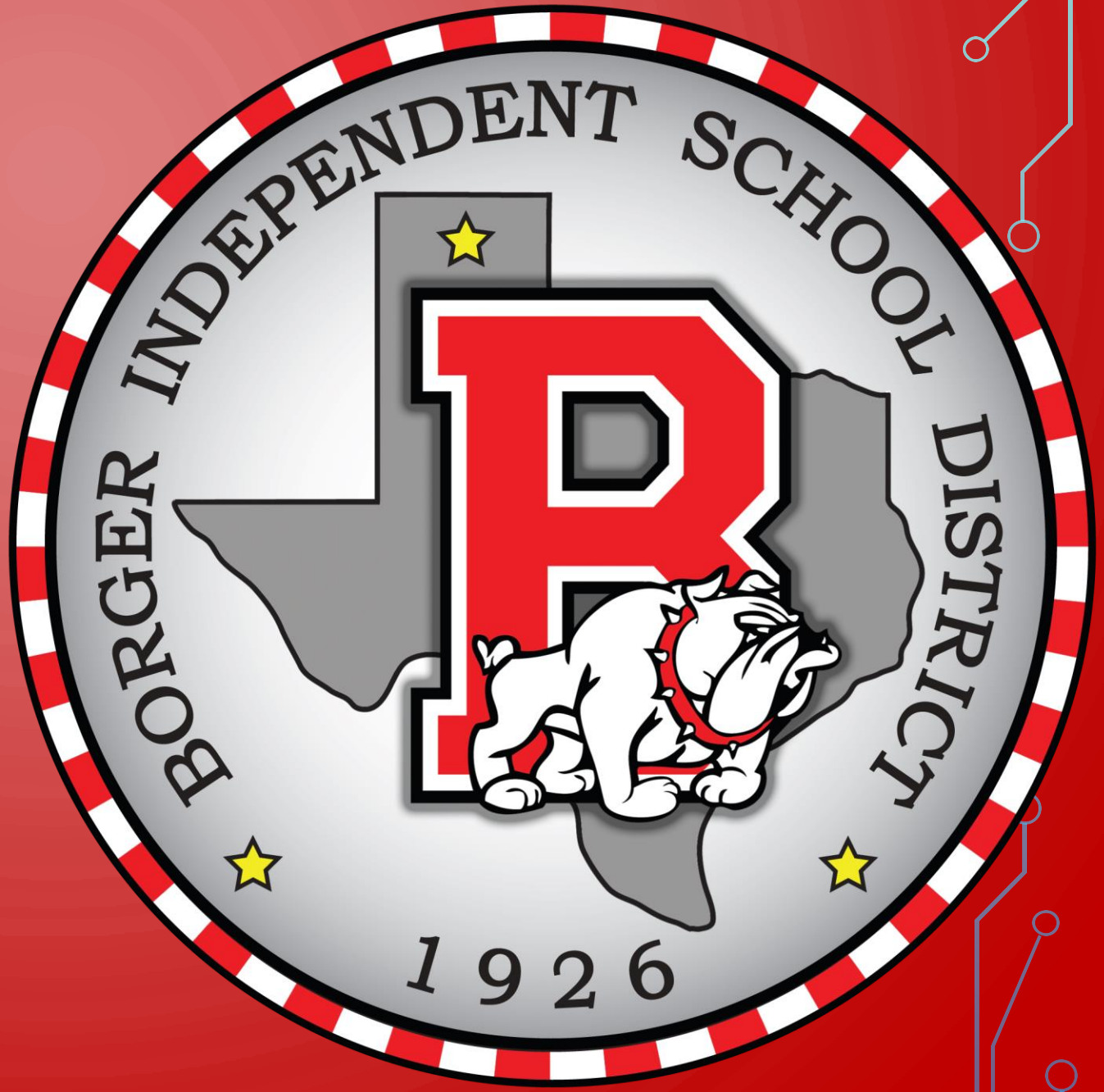
BOARD NOTES

2 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;

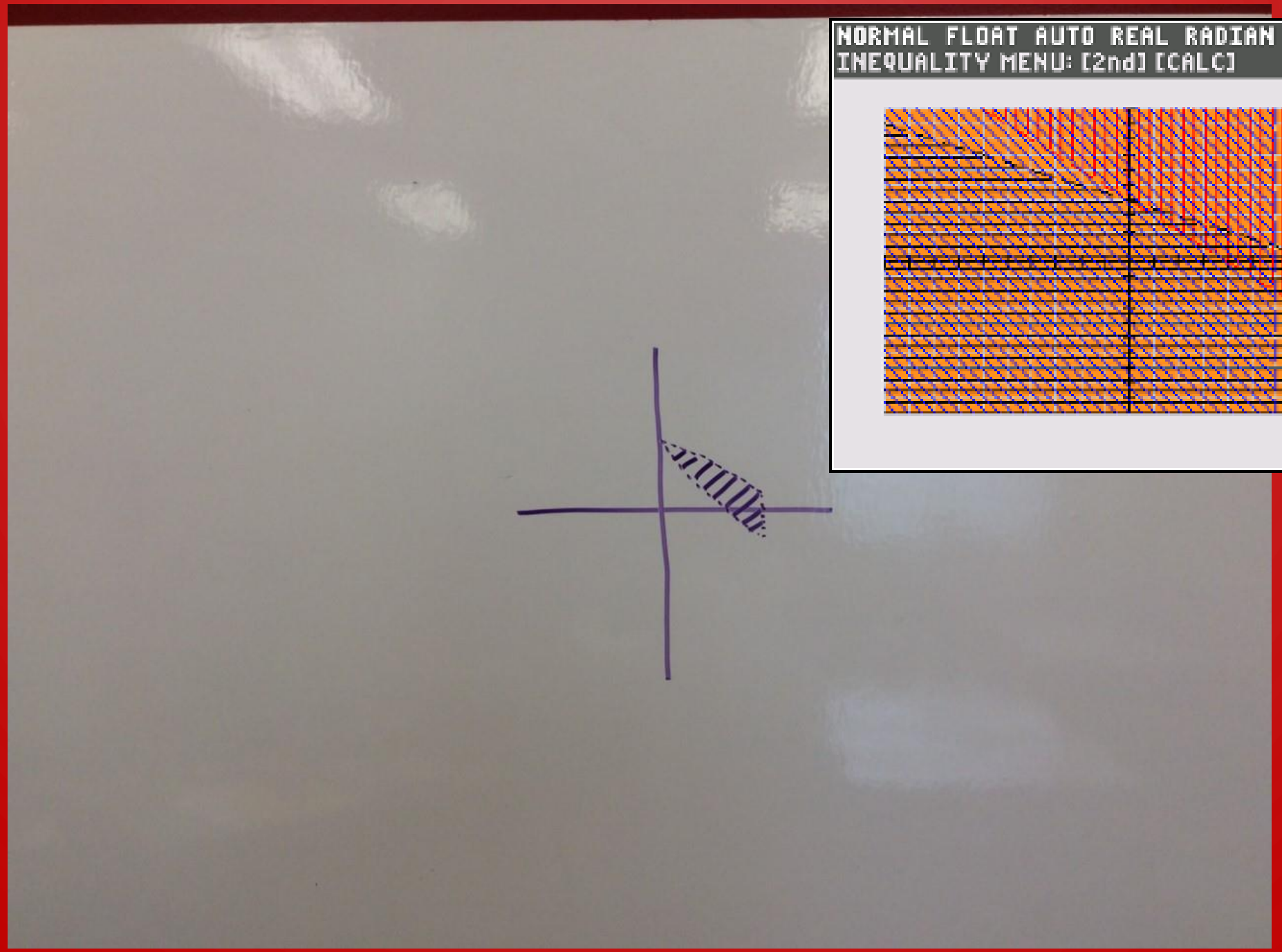
We will be able to solve multiple linear inequalities and determine shape for linear programming.

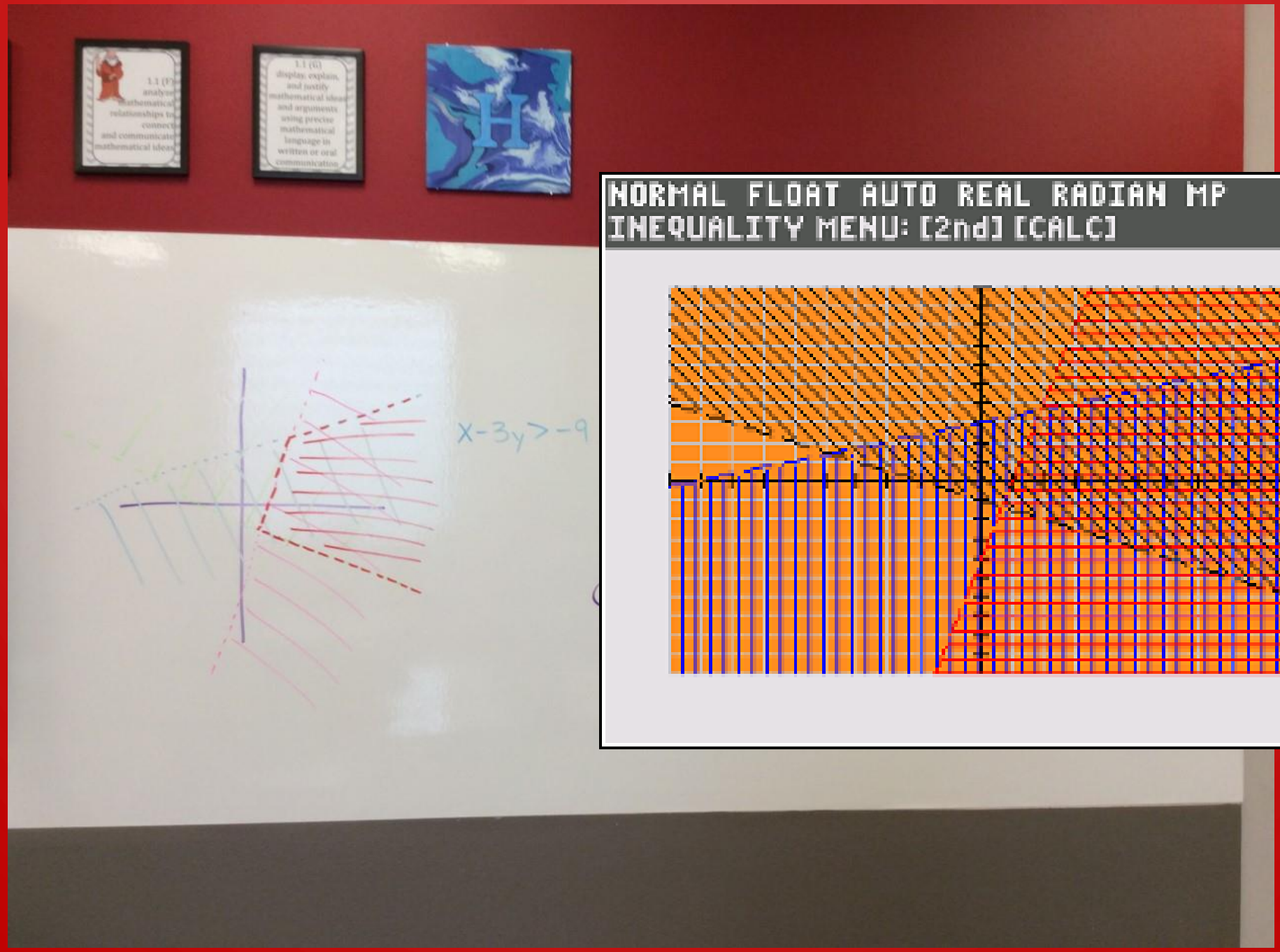
WHAT WE NEED:

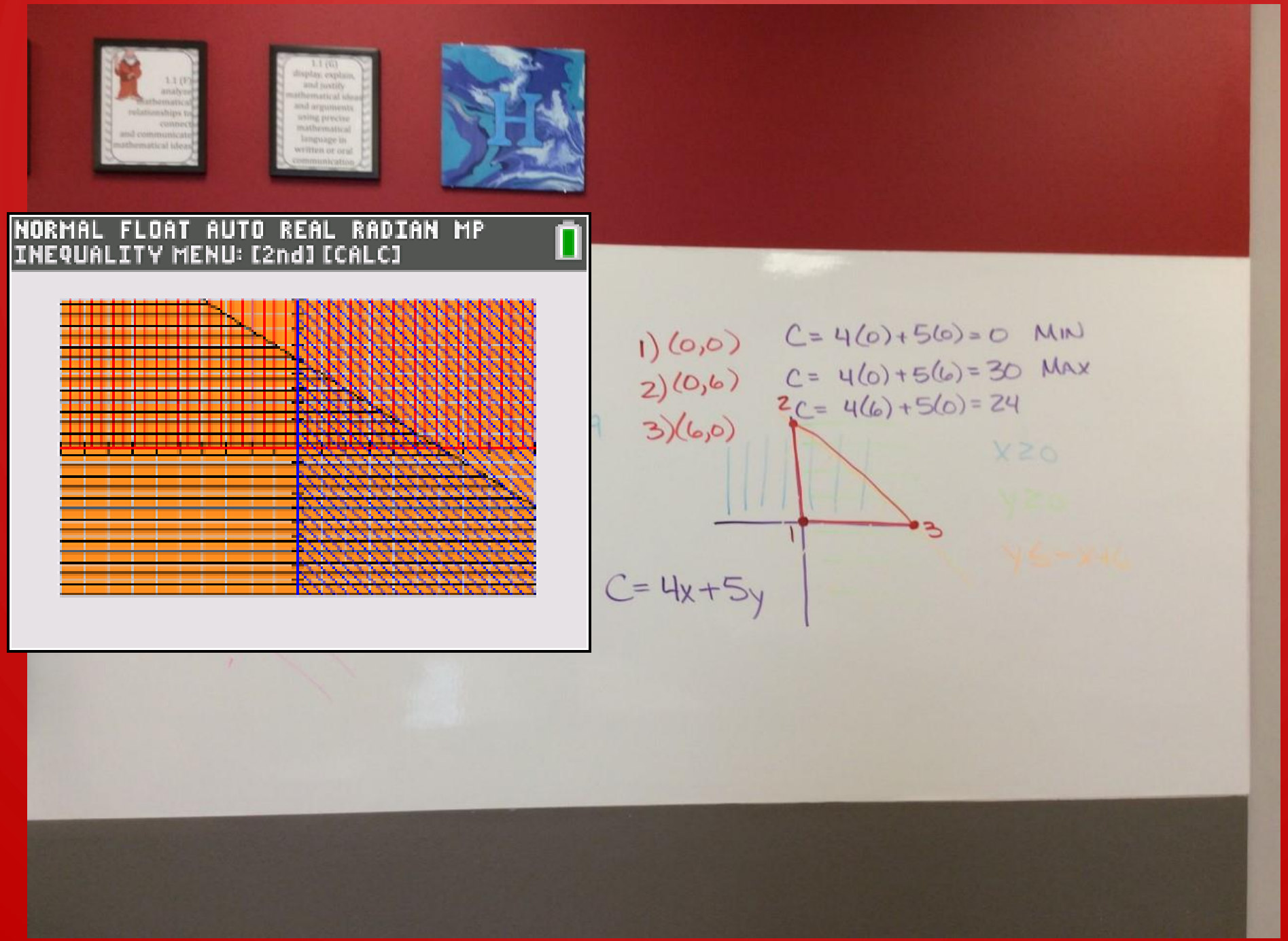
- TI – 84

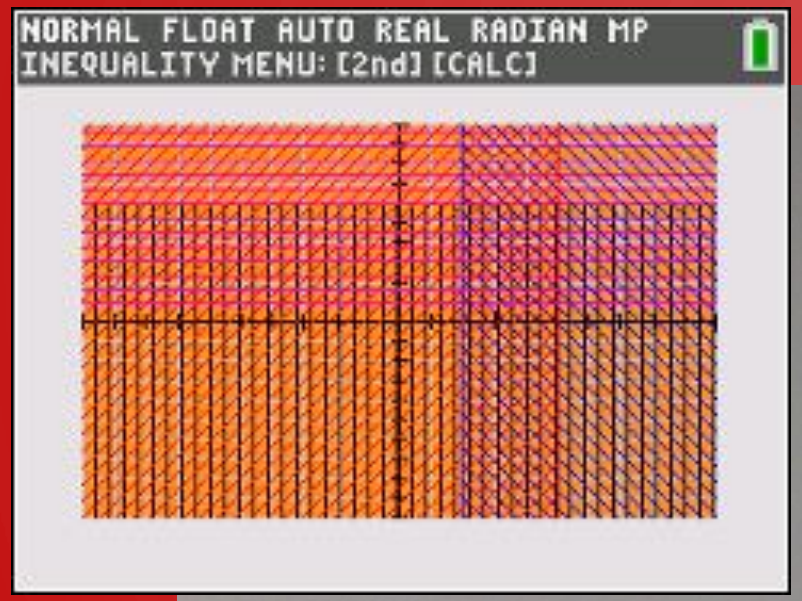
I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVING THE

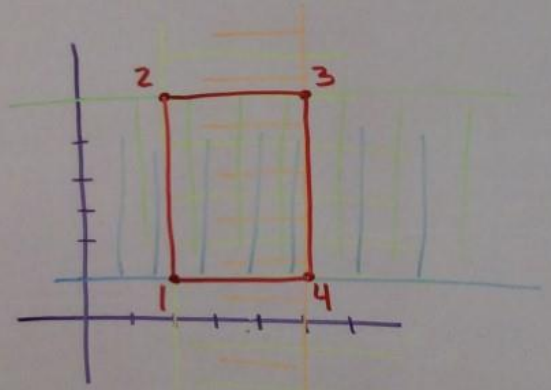
- Multiple linear inequalities (constraints)
- Objective Function


NORMAL FLOAT AUTO REAL RADIAN MP
INEQUALITY MENU: [2nd] [CALC]


x-3y>-9
NORMAL FLOAT AUTO REAL RADIAN MP
INEQUALITY MENU: [2nd] [CALC]


NORMAL FLOAT AUTO REAL RADIAN MP
INEQUALITY MENU: [2nd] [CALC]
1) (0,0) C = 4(0)+5(0) = 0 MIN
2) (0,6) C = 4(0)+5(6) = 30 MAX
3) (6,0) C = 4(6)+5(0) = 24
C = 4x+5y





1) (2,1)
2) (2,6)
3) (5,6)
4) (5,1)

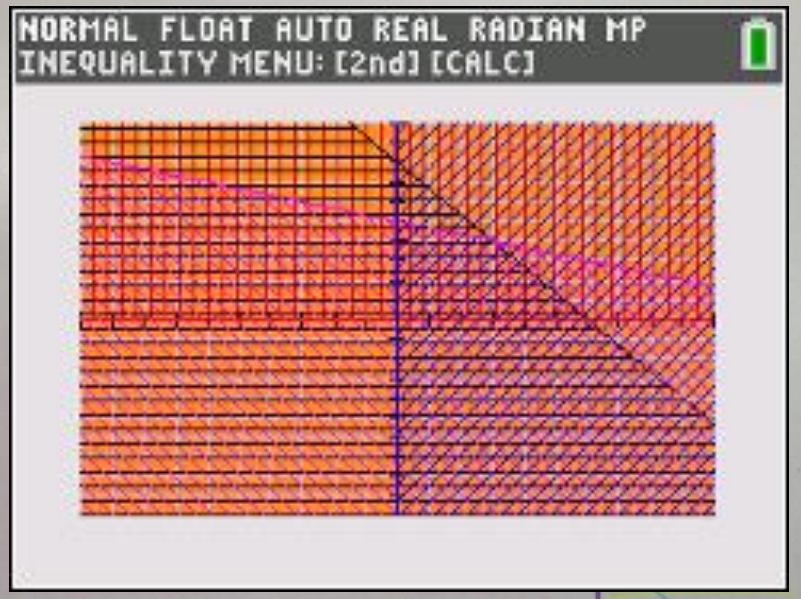
$C = 3x + 4y$

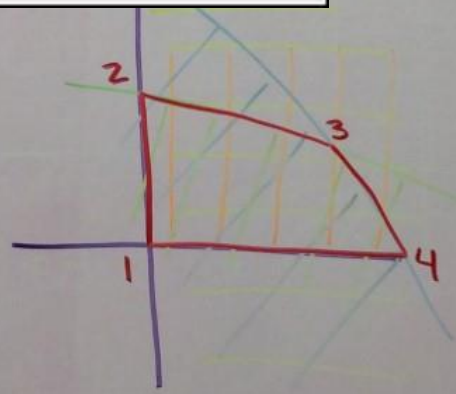
$C = 3(2) + 4(1) = 10$ MIN

$C = 3(2) + 4(6) = 30$

$C = 3(5) + 4(6) = 39$ MAX

$C = 3(5) + 4(1) = 19$





1) (0,0)

2) (0,5)

3) (3, 4)

4) (6, 0)