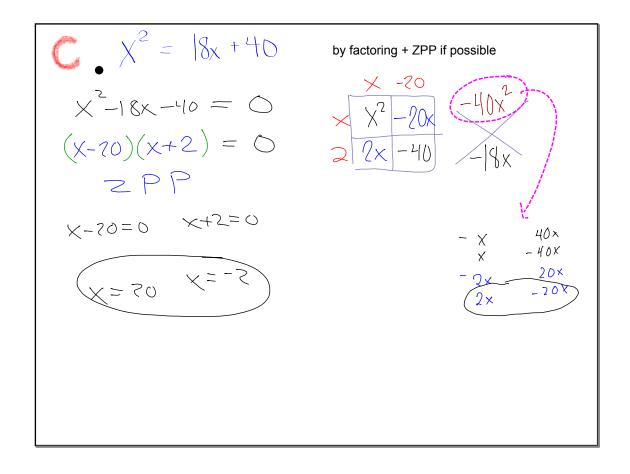
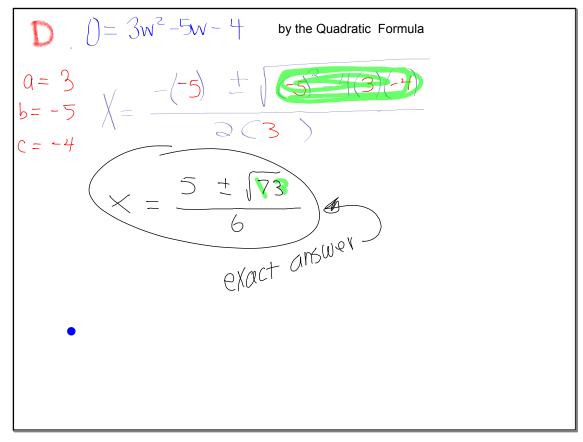
Return

Prck Up

+he

WARM Up

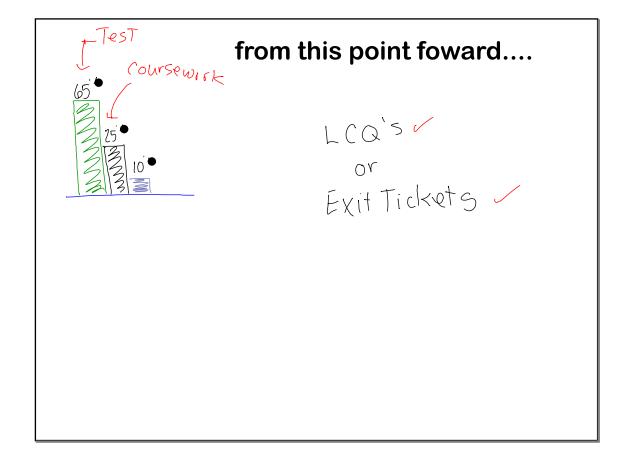


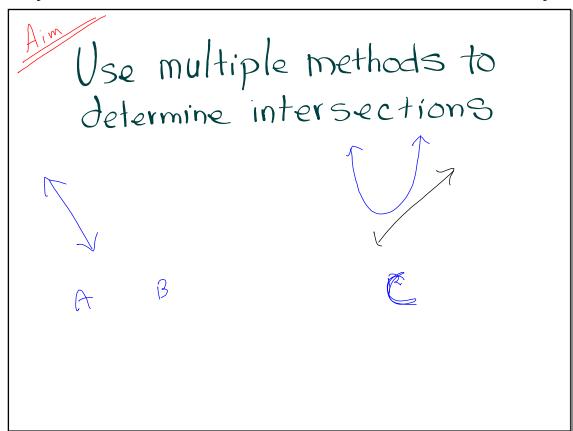




HW is important but, so are Warm Ups

do not work on "finishing" your homework during class.





how many intersections can two parabolas have?



TWO Quaradate Functions

$$f(x) = 2x^2 - 5x + 6$$

$$f(x) = 2x^{2} - 5x + 6$$

$$g(x) = -2x^{2} - x + 30$$

A thought How can we find out for your the points of intersection of these 2 parabolas?

Finding Intersections between two functions

$$f(x) = 2x^{2} - 5x + 6$$

$$g(x) = -2x^{2} - x + 30$$
(3,9)

Can also use tables

any disadvantages?









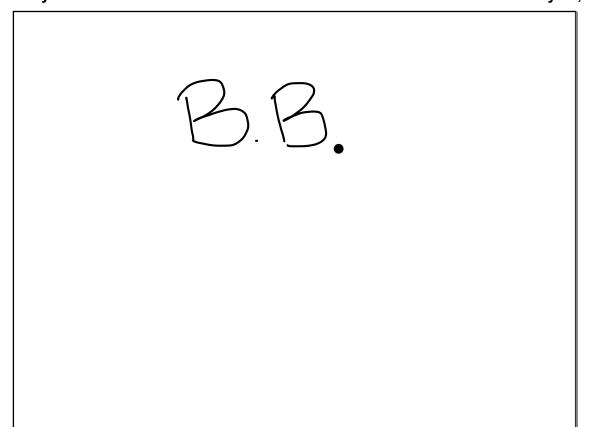
Notes from Day 2

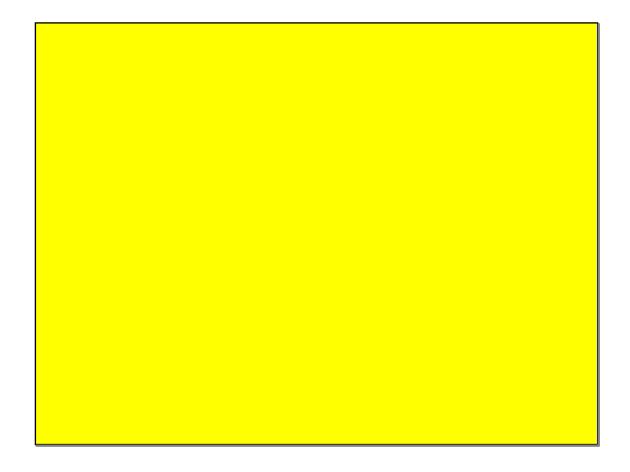
January 22, 2018

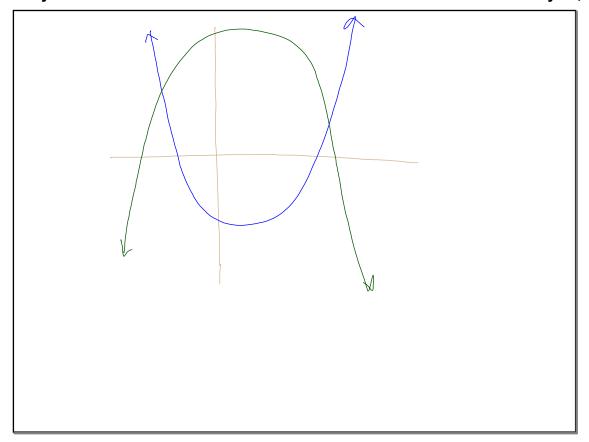
$$4x^{2} - 4x - 24 = 0$$

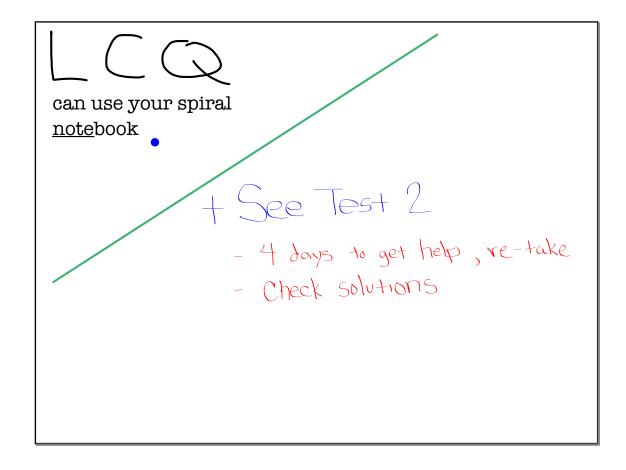
$$4(x^{2} - x - 6) = 0$$

$$(x - 3)(x + 7) = 0$$











..... 46, 48, 50-52

146, 47bc, 48b, 49-52



$$5x - y = 35$$

$$3x + y = -3$$
Could use
elimination

$$5x - y = 35 \longrightarrow y \in 5x - 35$$

$$3x + y = -3$$

$$5x - 35 = -3$$

$$435 = 37$$

$$435 = 37$$

$$4 - 15$$

$$4 - 15$$

If an approximate answer is needed, we can also use a GDC, graphing display calculator

$$3x + y = -3$$

$$-3x$$

$$5x = y + 35$$

-35

