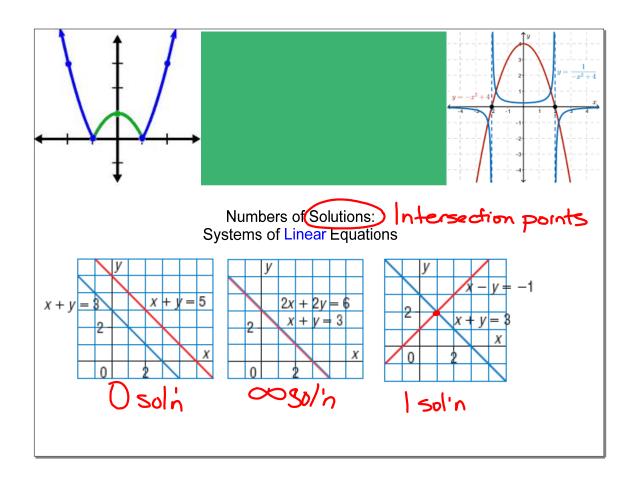
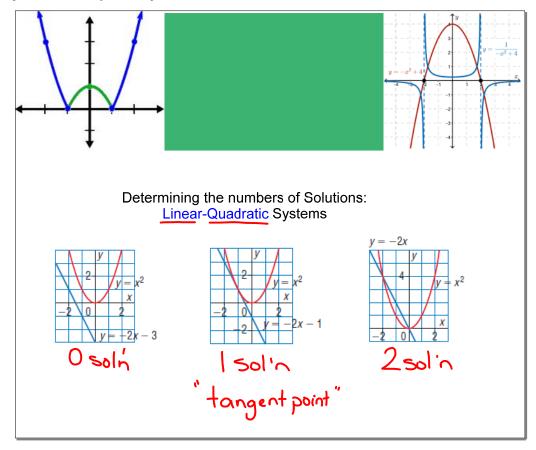


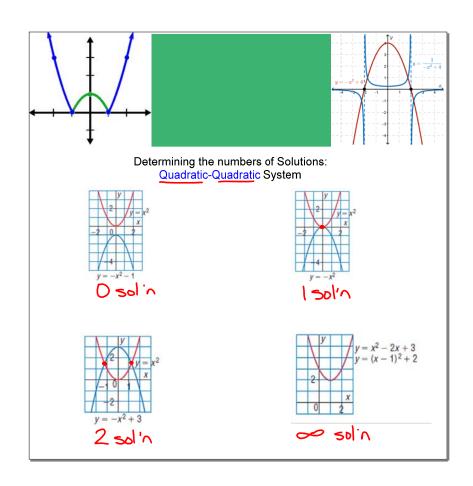
5.4 Solving Systems Graphically

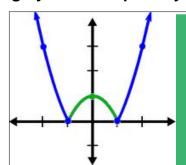
When solving systems of equations graphically, you must show the equations you enter in your calculator $(y_1 \text{ and } y_2)$ and a sketch.

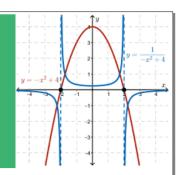
Recall Math 10C: The solution(s) to a system of equations is/are the point(s) of intersection (ie. the points that <u>satisfy</u> both equations.)







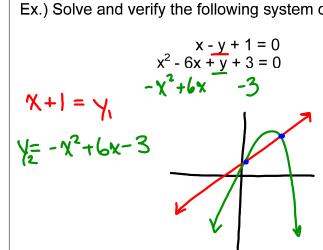


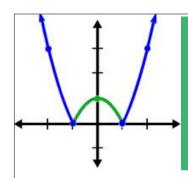


Ex.) Solve and verify the following system of equations:

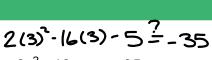
$$x - y + 1 = 0$$

 $x^2 - 6x + y + 3 = 0$





Ex.) Solve:



$$2x^2 - 16x - y = -35$$

 $2x^2 - 8x - y = -11$

$$y_1 = 2x^2 - 16x + 35$$

y2= 2x2-8x+11

