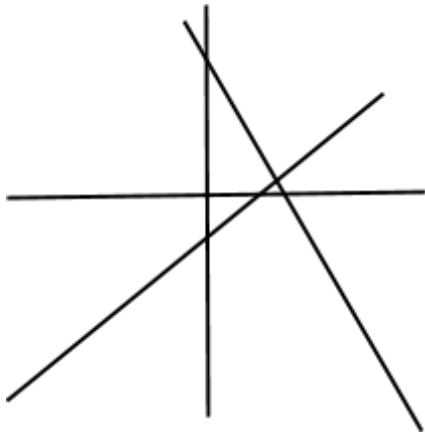
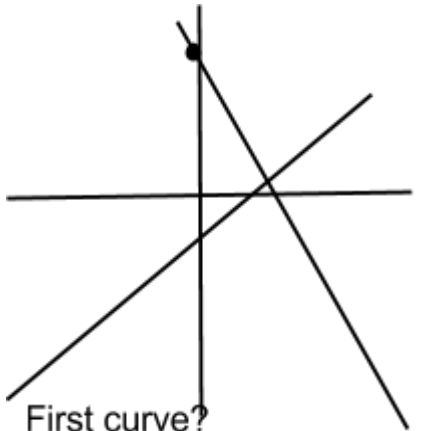


Title: Finding a Solution to a System of equations

Example:  $3x + 2y = 15$ ,  $2x - y = 9$

Menu or Screen	Steps	Visual Appearance
<p>[Y=] go to the graphing Y= menu</p>	<p><math>Y_1 = [(1) [1] [5] [-] [3] [x,T,\theta, n] [)] [\div] [2] [ENTER]</math> Make sure the plots are not selected. If any are highlighted, select it and hit enter to deselect it.</p>	<p>Plot1 Plot2 Plot3 <math>Y_1 = (15-3x)/2</math></p>
<p>Be careful to choose the negative key for the -1</p>	<p><math>Y_2 = [(1) [9] [-] [2] [x,T,\theta, n] [)] [\div] [(1) [(-) [1] [)] [ENTER]</math></p>	<p><math>Y_2 = (9-2x)/(-1)</math></p>
<p>[GRAPH]</p>	<p>The window should be a standard window. If not go to [ZOOM] and choose zstandard</p>	
<p>[2nd] [TRACE] Blue key selects the upper blue menus. In this case, CALC Choose 5: intersect, [5]  Second curve?</p>	<p>CALCULATE 1: value 2: zero 3: minimum 4: maximum 5: intersect  Note flashing cursor. Hit [ENTER] to select the line. Hit [ENTER] again to select 2nd line, making certain cursor has moved to second line</p>	 <p>First curve?</p>
<p>Guess?</p>	<p>hit [ENTER] to guess</p>	<p>Intersection: <math>x = 4.7142857</math> <math>y = 42857143</math></p>