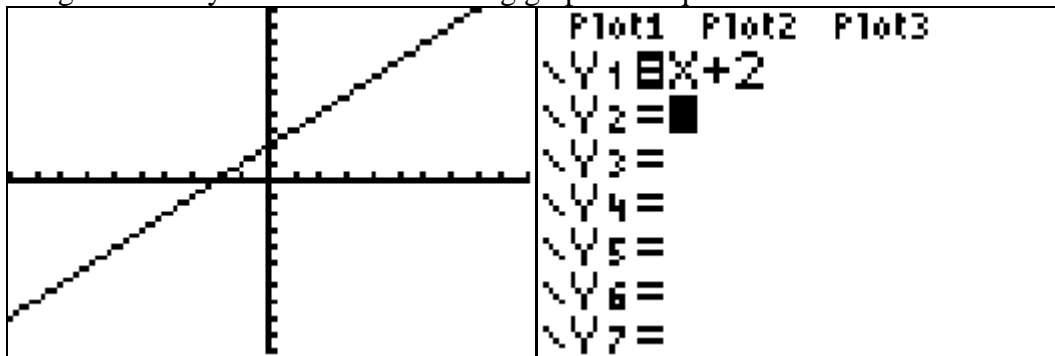


Use Quick Poll to find SLOPE and Y-INTERCEPT:

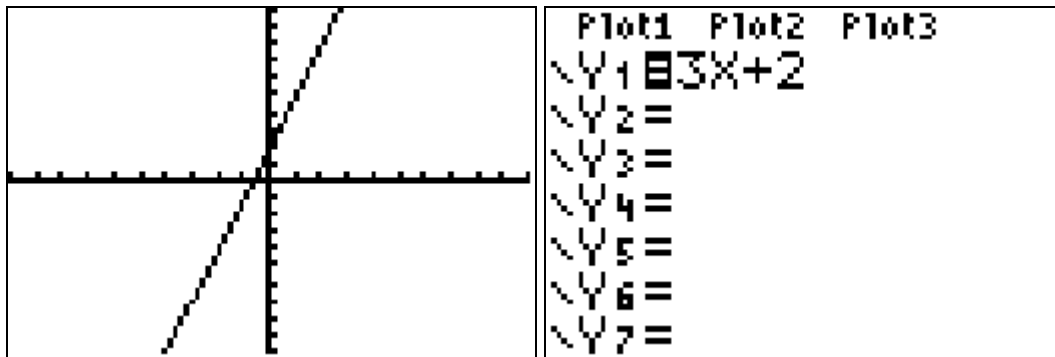
Overview:

When introducing slope and y-intercept to my students I find it helpful to change one variable, while holding the other constant. For example, I might show 2 graphs with identical y-intercepts, but differing slope, etc.

I might show my students the following graph and equation:



and then:



I would ask them to compare the equations as well as the graphs.

After doing this a few times over to gain repetition, I would send a quick poll and have students identify slope and y-intercept.

Procedure:

1. Students should enter Navnet
2. Teacher verbally prepares quickpoll question. [What is the slope and y-intercept of the following equation] and types into the open field “ $y = -3x + 19$ ”.
3. Send Quick Poll.

Teacher, I often will analyze my student’s results and have them work though the incorrect answers to find the error.