Open Geometer's Sketchpad

Go to the ***Graph*** menu and select the ***Create Axes*** option and then the ***Show Grid*** option.

Go to **Point B** on the graph at (1, 0) and click and drag it in toward the center until your window shows 10 and –10 on the x and y axes.

Go to the ***Graph*** menu and select ***Plot Points.***

Enter the both pairs of coordinates from p 13 #4 USE THE TAB KEY TO MOVE FROM X TO Y! After entering both points press enter.

The two points should now appear on your screen and they should be darkened.

Go to the ***Construct*** menu and select ***Segment***.

Press enter. A segment should appear between the two points and it should have two tiny squares on it.

Go to the ***Measure*** menu and select ***Slope.***

Compare the slope of the segment to your homework answer. Select the segment and delete it.

Repeat the steps for questions 5, 6, and 7.

To check your graphs, plot the given point.

Click and hold on the ***Segment Tool*** icon to the right of the screen . A pop up menu with three choices appears. Select the ***Line*** icon.

Select the Line Tool icon, it should turn red and the arrow should become an 'x'.

Place the 'x' exactly on top of the point just plotted (a tiny white box will appear on the point) click and drag to make a line.

A second labeled point will appear on the line. That point is the handle.

Go to the ***Arrow icon*** to the left at the top and click it. The 'x' should change back into an arrow.

Select the handle of the line. Click and drag the handle to make sure the line can rotate.

Select the line and measure its slope.

Now click and drag the point until the slope reads the same as specified on the homework.

Compare the position and slope of the line to your homework.

Repeat the steps for the other homework graphs.