1. How do the flow vectors change from point A to B in the stream shown below

Plot the EW and NS components of the resultant flow on the graph below along with the resultant flow vector.
What is the magnitude and direction of the resultant change in flow?

Comment on the significance of these changes in terms of geology and stream morphology.

2) Another 3-point problem: You encounter a formation top in three wells shown below. Determine the strike and dip of this layer.

Make notes on how you go about determining the strike and dip of this layer.
Here is an extra plot to work with

Follow along in class.

NOTES

For next Tuesday, answer the following: Given the strike and dip of this layer assume the thickness of the formation penetrated by the well is 100 feet. What is the actual thickness of the layer?