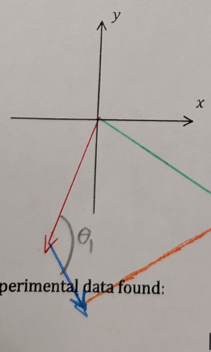
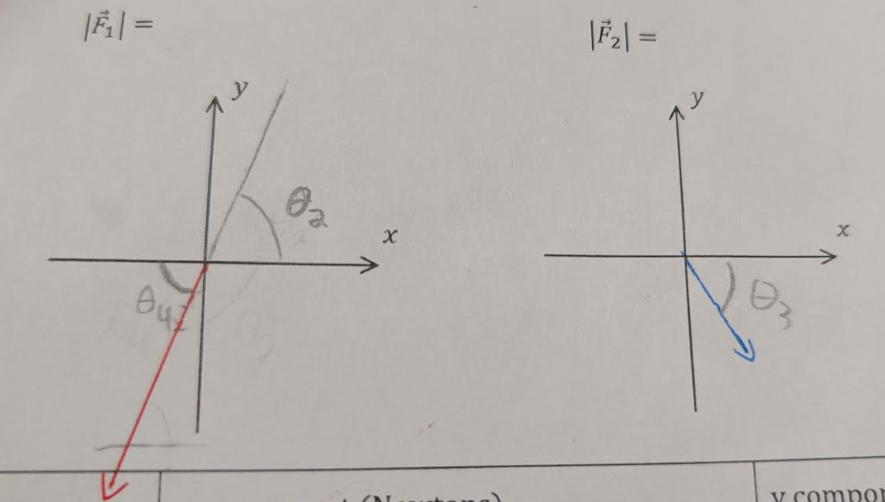
The angles that we need to find for this lab are

* the angle of the equiblerant force. We measured this one on the force table
* : this is 180° different from AND less than 360°
* : We find this by using the arctangent function on the components of the resultant vector in our table.
* The angle at which to draw the resultant vector on the lower set of axes. The steps for finding this are below.

1. we draw to scale on the axes given.
2. We draw to scale with the end of ’s tail beginning at the tip of
   1. To find the angle that we should draw at we consider the following:

Using the first portion of #3 to illustrate my process:

We know that:

* is the angle that we need to find.
* because they are opposite angles (this is a rule of geometry)
* 1. We perform the following math steps based on the above givens:
  2. We can then place our protractor so that the zero degree line is on top of the vector that represents and measure out