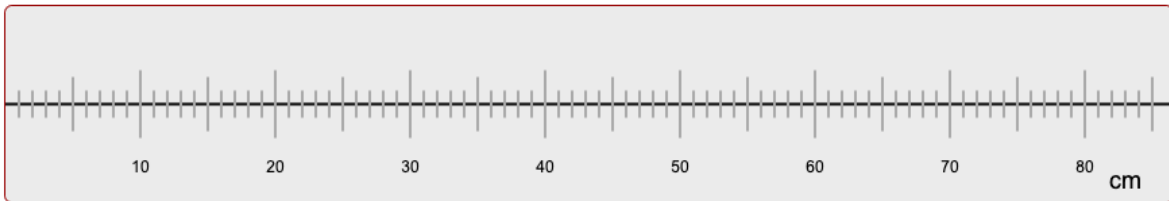


Electric Field Line

Step 1: Put your charges and sensor into the picture below. Make sure you put your values and sign on the charges



Step 2: Show the calculation of the electric field from charge 1 at the location of the sensor. Make sure everything is in the proper unit and make sure you think about the direction it will point.

Step 3: Show the calculation of the electric field from charge 2 at the location of the sensor. Make sure everything is in the proper unit and make sure you think about the direction it will point.

Step 4: Find the net electric field from your charges and enter your answers into the program to make sure you did everything correctly