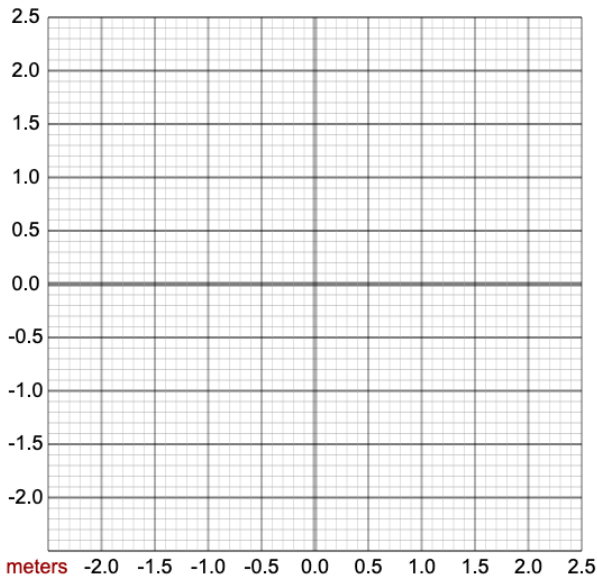
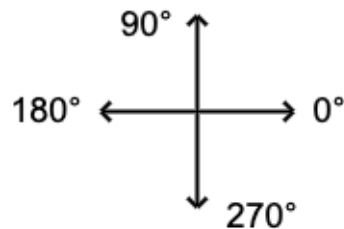
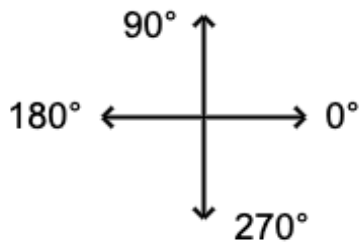


Electric Field from Two Charges

Step 1: Draw in your two charges to the axes below. Also show the location of your sensor. In the space to the right of the axes, show your calculation of the electric field strength from each of the charges at the location of your sensor.



Step 2: On the compass roses below, show the direction of each of the electric fields you calculated above. Then break each of these fields into components.



Step 3: Show the calculation for the magnitude of the net field and the direction in relation to the 360° axes shown below. Enter your answers into the program to make sure you have done everything correctly.

