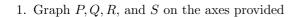
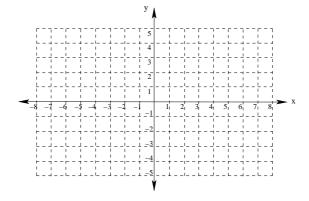
Instructions: Work the following problems in groups of 3-4 students. You will have about 20 minutes to complete the problems on this worksheet before we come back together to discuss them.

Given the points P:(2,-3), Q:(-4,5), R:(0,-3), S:(2,0)





2. Find d(P,Q)

3. Find the equation for a circle with center P and passing through the point Q.

4. Find the coordinates of the midpoint M of \overline{PQ} and graph it on the axes above.

5. Find the Perimeter of $\triangle PRS$.

6. Find the Area of $\triangle PRS$.