GEOMETRY
Dr. Paul L. Bailey

Homework 0329 Friday, March 26, 2021

This homework is due Monday, March 29, 2021.

Problem 1. Let A=(2,4), B=(4,6), and C=(8,2). Find the circumcenter of $\triangle ABC$.

Problem 2. Let A=(2,4), B=(4,6), and C=(8,2). Find the equation of the circle through A, B, and C.

Problem 3. Let A=(2,4), B=(4,6), and C=(8,2). Find a point D such that ABCD is a parallelogram.

Problem 4. Let A=(2,4), B=(4,6), and C=(8,2). Find the centroid of $\triangle ABC$.