

Name: _____

Period: _____

Date: _____

Geometry: Open Response

ALL work must be done in the grid below.

1. Use the points A(-4,5), B(1,17), and C(8,0) to answer the following questions.
 - a. Graph the points.
 - b. Find the length of each side (to the nearest hundredth).
 - c. Identify $\triangle ABC$ as equilateral, isosceles or scalene. Justify your answer.
 - d. Identify $\triangle ABC$ as acute, obtuse or right. Justify your answer.

