Name_____



| B-Level | |
|--|--|
| 4. (6 points) | |
| Plot S(-8,3) H(4,7) A(8,-5) P(-4,-9). Draw quadrilateral SHAP. | What is the most specific type of quadrilateral to call SHAP? Mathematically Justify your answer. |
| | |
| 5. (4 points) | |
| Plot A(-7,5), B(3,5), C(7-3), D(3,-3), E(-2,-8), F(-7,-3). Draw polygon | Find the perimeter of Polygon ABCDEF. |
| | Find the area of Polygon ABCDEF. |
| A-Level (5 points) | |
| Given: \overline{AC} and \overline{BD} bisect each other. Prove: Opposite sides are congruent and ABCD is a parallelogram. $A \longrightarrow C$ | |