

You Be the Judge—Analyzing Answers

Spatial Sense and Geometry



Directions:

Work independently to solve the problem below. Then compare your answers with those of others in your group. Finally, make any changes needed so that everyone has a correct answer. You may write your answer in any space on this page or on page 4.

The Task:

- Without using a ruler, find the length of each of the sides of hexagon A: \overline{AB} , \overline{BC} , \overline{CD} , \overline{DE} , \overline{EF} , \overline{FA} .
- Tell whether Hexagon ABCDEF is similar to Hexagon B.
- Tell how you know. Make sure to include mathematical reasons in your answer.

