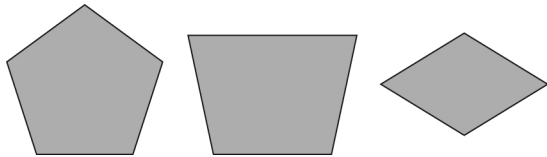


Section 4.4 Math Link

This worksheet will help you with the Math Link on page 159.

For your design project, include a polygon. Use a polygon that is similar to one shown here. The polygon will feature the title of your design project.



1. Use grid paper to copy the polygon you chose.
2. **a)** To help you draw a similar polygon, follow these steps.
 - Measure all the angles of the polygon.
 - Measure the side lengths of the polygon.
 - Decide on an appropriate scale factor. _____
Hint: The title of your design project needs to fit inside the polygon.
 - Use the scale factor to determine the lengths of your similar polygon.
- b)** Using the scale factor, draw your polygon on grid paper.
 - Add the title of your design project.
 - Label the scale factor on your design.