Problem-Solving Strategy: Make a Model

Make a model to solve each problem.

1. Copy the figure, and then draw it several times. Will this figure tessellate? Explain.

2. Copy the figure, and then draw it several times. Will this figure tessellate? Explain.

3. Copy the figure, and then draw it several times. Explain why this figure will not tessellate.

4. What is the shape of the space that is left when you try to tessellate the figures in Problem 3?

5. Give an example of a figure that will not tessellate. Explain.