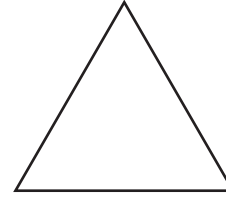


# Problem-Solving Strategy: Find a Pattern

Use the questions to help you solve.

- Phillip had blocks in the shapes of regular trapezoids, equilateral triangles, and squares. He says that only the trapezoid blocks can be used to make a tessellation. Is he correct?



**UNDERSTAND**

What facts do you know about tessellations?

\_\_\_\_\_

\_\_\_\_\_

**PLAN**

What transformations can you use to make a tessellation using each polygon? Trace and cut pattern blocks. Arrange blocks to form tessellations. \_\_\_\_\_

\_\_\_\_\_

**SOLVE**

Which blocks can be used to make tessellations?

\_\_\_\_\_

**LOOK BACK**

Do you think Phillip's statement is correct?

Why or why not? \_\_\_\_\_

\_\_\_\_\_

- Len claims that he made a tessellation with his blocks. Michael says that he did not, because a tessellation can only be formed using 1 congruent shape. Do you agree with Len or with Michael?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

