**LOGICAL THINKING**

**Group Size:** Pairs or Small Groups

**Procedure:** Provide a set of Attribute Blocks for each group of students. Allow students a few minutes to explore the blocks before the directed activity begins.

Explain to the students that they will solve story problems. The students will be using the Attribute Blocks to solve each story problem.

**Say:**

- I have 4 equal sides. I am large and thin. I am not red or yellow. I am the ______ Attribute Block. [square, large, thin, blue]
- There are 3 blocks displayed. All the blocks are large triangles. The blocks are all thick. The red triangle is not last. The blue triangle is in the middle. What is the order of the blocks? [First–large thick red triangle. Second–large thick blue triangle. Third–large thick yellow triangle.]
- We are the small thin circles. How many ways can we be arranged? [6—red-yellow-blue; red-blue-yellow; yellow-red-blue; yellow-blue-red; blue-red-yellow; blue-yellow-red]

Challenge student volunteers to create story problems for the other members of their groups to solve.