

## Sets

**Companion Text:** The Jakry Kids: Curiosity Shop, by Lin Jakary & illustrated by Ryan Olson  
**Subject Area & Grade Level:** Mathematics, Kindergarten

### *Objectives*

After this lesson, students will be able to:

- Recognize elements that do not belong in a set
- Organize elements into original sets

### *Activity*

Read the story once through without stopping. Then, ask students to imagine if they had to organize all of the different things in the Curiosity Shop—how would they do it? Say, “Let’s practice!” Open up to page 8, and suggest sets of items, asking students to name the item that does not belong in each set. (i.e., point to a purple hat, the purple whale, an orange blanket, and a purple bottle, or point to the purple hat, the striped chair, the striped wall rug, and a striped folded blanket). Continue until students get the idea of rearranging the same items into different sets, and that items can be used more than once.

Then, pass out the attached worksheet and have students cut out the shapes. Split students into groups or let them work with a partner to create sets. Tell them to see how many sets they can make. Each set should contain three shapes that have an attribute in common.

### *Reflection*

Have each group or pair of students share one of the sets they created by drawing it on the board, and ask them to name the common attribute of the elements in their set. Try to limit repeat sets so that at the conclusion of the activity, there are the maximum number of unique sets on the board.



