



Name \_\_\_\_\_ Date \_\_\_\_\_

# Hands On: Explore Perimeter

CA Standards  
KEY MG 1.3, MG 1.1

Solve each problem.

1. Yolanda wants to buy a frame for her school photo. To estimate its perimeter, she uses 24 toothpicks to surround the photo. Each toothpick is about 2 inches long. About how many inches long is the perimeter of Yolanda's school photo?

\_\_\_\_\_

3. Connie is making a wooden frame for a painting. Should she estimate its perimeter with paper clips or measure its perimeter with a ruler? Explain your choice.

\_\_\_\_\_

\_\_\_\_\_

5. Frank has two mirrors to frame. One mirror is a square and the other mirror is an octagon. Each side of both mirrors is 5 inches long. Which mirror's frame will need more wood?

\_\_\_\_\_

\_\_\_\_\_

2. Jamie wants to make a frame for a postcard. To measure its perimeter, he wraps a string around the edges of the postcard. What should he do next to find the perimeter of the postcard in inches?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. **Predict** An art supply store sells photograph frames in 5 sizes. The perimeters of the first three frames are 20 inches, 24 inches, and 28 inches. If this pattern continues, what are the perimeters of the next two frames likely to be?

\_\_\_\_\_

\_\_\_\_\_

6. Edie wants to measure the perimeter of a square clock face. She has one piece of string that does not fit around the entire perimeter and a ruler. How can she estimate the perimeter?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_