## NAME

Module 9 Characteristics of Geometric Shapes
Lesson 1 Polygons

# Guided 

Practice

## Set 1

(1) The diagram shows the path that Ms. Chinn walks every morning in her neighborhood. Is the path a simple or complex polygon? Explain.

(2) Is the polygon convex or concave? Explain.


## Set 2

(1) Classify the polygon according to the number of sides.


Nina called the polygon shown here a concave decagon. Find and explain Nina's error.

(3) Sketch both a convex octagon and a concave octagon.

## Set 3

(2) The diagram shows the outline of a park in the shape of a regular heptagon. If one side of the park measures three miles, what is the distance around the entire outer edge of the park?


