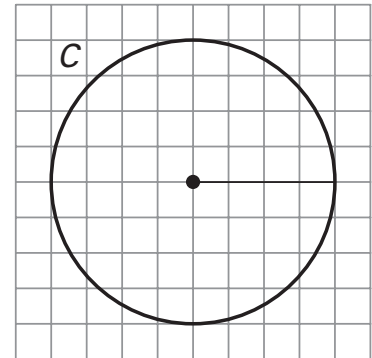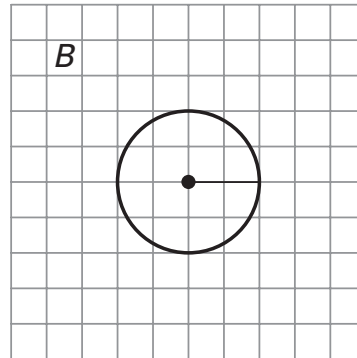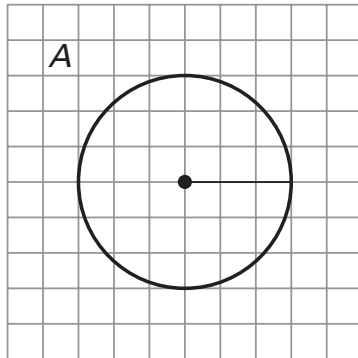# *Activity Lesson Opener*

For use with pages 51–58

SET UP: Work with a partner.

YOU WILL NEED: • piece of string

1. Find the diameter (d) and the radius (r) of each circle in grid units. Then calculate the radius squared (r^2) of each circle. Record your answers in the table below.

2. Use your piece of string to measure the circumference (C) of each circle. Give this length in grid units.

3. Estimate the area (A) of each circle by counting the grid squares inside the circle. Record your answer to the nearest square unit in the table below.

Circle	*d*	*r*	*r²*	*C*	*A*
A					
B					
C					

4. Describe any relationships you see among the numbers in the columns in the table above.