

**INQUIRY SKILL FOCUS Practice****Create Circle Graphs**

To complete this activity, you will need a compass and a protractor. Use those tools to answer *Question 1* on a separate sheet of paper. Answer the remaining questions in the spaces below.

A middle school class surveyed 500 families who own pets. The data table below shows what kinds of pets the families own. Create a circle graph to display the data.

<b>Kinds of Pets Owned by Families</b>	
<b>Pet</b>	<b>Number of Families</b>
Dogs	180
Cats	160
Birds	25
Fish	25
*Other	110

\* Includes gerbils, hamsters, rabbits, guinea pigs, and ferrets

1. Make a circle graph to display the data in this table. (*Hint*: You can round off numbers if you wish.)

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2. What are some facts you can learn by examining the graph?

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3. **Think It Over** Think about the process of creating a circle graph. Why might circle graphs be a less exact way of displaying data than bar graphs?

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