

Name _____ Date _____

Reading Circle Graphs (pages 60–63)

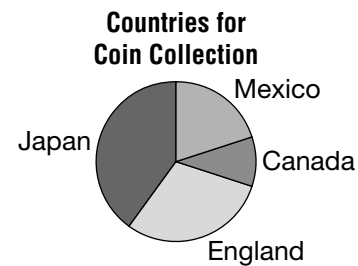
A **circle graph** compares parts of a whole. The circle is the whole and the pie-shaped sections show the parts. All the percents in a circle graph add to 100%.

<p>Reading a Circle Graph</p>	<p>Read the title of the graph and the titles of all the sections.</p> <ul style="list-style-type: none"> • Recall that half of a circle is 50% and one-fourth is 25%. • See how the percents match the sizes of the sections.
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EXAMPLES

A The circle graph shows where the coins in Joel’s collection come from. The percents are 10%, 20%, 30%, and 40%. Match each percent with the appropriate section of the graph.

The section for Japan is the largest. It is almost one-half. So 40% of his coins come from Japan. The smallest section is Canada. So 10% of his coins come from Canada. The England section is larger than the Mexico one. So 30% come from England and 20% from Mexico.



B What percent of his coins come from England and Mexico together?

Add the percents: 30% added to 20% is 50%.

Try These Together

1. What fraction of Joel’s collection comes from Canada and Japan together?

HINT: What part of the circle are these two together?

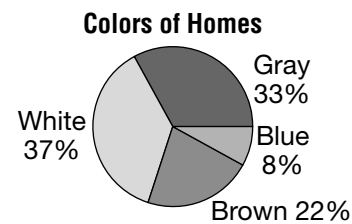
2. Canada and what other country together equal the same percent as Japan?

HINT: Subtract the percent for Canada from that of Japan.

PRACTICE

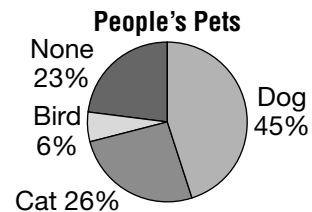
The circle graph shows the colors of homes in Anissa’s neighborhood.

- What percent of homes are blue?
- What are the two most popular colors for homes in Anissa’s neighborhood?



5. Standardized Test Practice The circle graph shows the pets students have. What percent of students do not have pets?

- | | |
|--------------|--------------|
| A 6% | B 26% |
| C 23% | D 45% |



Answers: 1. $\frac{1}{2}$ 2. England 3. 8% 4. white and gray 5. C