

Problem-Solving Application:

Use a Graph

Use the questions to help you solve.

1. Daisy has 400 comic books in her collection. They date from 1958 to the present. She wants to make a graph that will accurately summarize the ages in her collection. What kind of graph should she use?

UNDERSTAND

What kind of information does Daisy want to display?

PLAN

What kinds of data displays have you learned about?

Of the data displays you listed, which can be used to display this kind of data?

SOLVE

How does the large size of the collection affect your choice?

What kind of display should Daisy use?

LOOK BACK

Make a rough sketch of Daisy's graph. Will it work well?

2. Daisy sells 22 of her comic books at an online auction site, 18 at a flea market, 25 at a tag sale, and 8 to friends. She decides to make a circle graph to represent her total sales. Do you agree with her choice? Why or why not?
