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?

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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?

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