

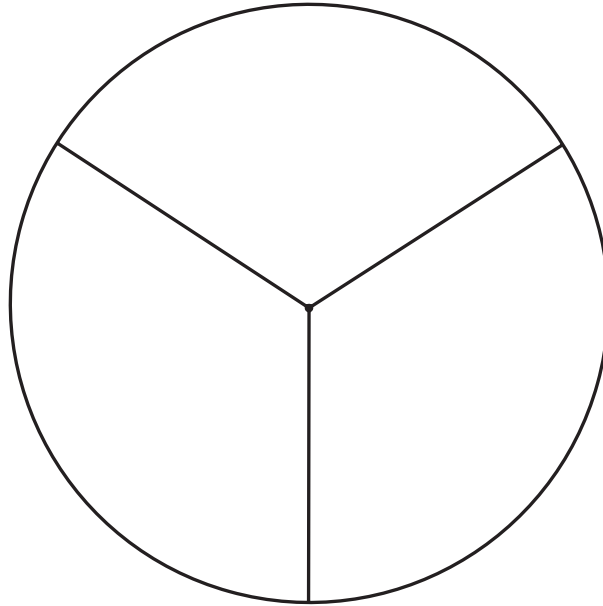
NAME _____

DATE _____

Home Connection 45 ★ Worksheet

Another Spinner Experiment

1 Color $\frac{2}{3}$ of the spinner below red. Leave the other $\frac{1}{3}$ white.



2 If you spin this spinner once, what are your chances of landing on red? What are your chances of landing on white? Explain your answers.

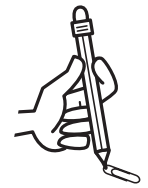
3 If you spin this spinner 24 times, about how many times do you expect to land on red? About how many times do you think you'll land on white? Explain your answers.

(Continued on next page.)

Home Connection 45 Worksheet (cont.)

NAME _____

DATE _____

Home Connection 45 Worksheet (cont.)

4 Use a paperclip for a spinner arrow and a pencil to anchor it, as shown here. Spin the spinner on page 163 24 times, and make a chart below to show your results.

5 How do the results of your experiment compare with your expectations?

6 Make 24 more spins and show your results on a chart below.

7 Counting all 48 spins, how many times did you get red? _____ How many times did you get white? _____

8 Lara told her mom about this experiment. She said, “I was sure I’d get red 32 times and white 16 times, because $\frac{1}{3}$ of 48 is 16. But I got 25 reds and 23 whites. That’s more like half and half. I don’t get it.”

What would you say to Lara to help her understand her experimental results?

