

Adjustable Spinner Exploration Questions

1. Pick one color and try to make it more likely that you will spin that color. Test the spinner 20 times. Did you really spin that color more often?
2. Create a game that is fair for 5 different colors. What fraction is each color?
3. Create a game that is fair for 4 different colors. What fraction is each color? Do you notice a pattern?
4. What percentage is each color on the spinner in question 3? Why is that?
5. How can you ensure that a spinner is fair no matter how many colors or sections it has?