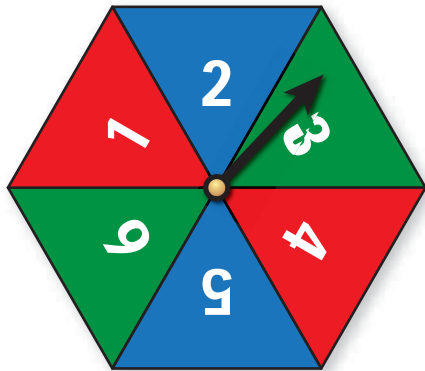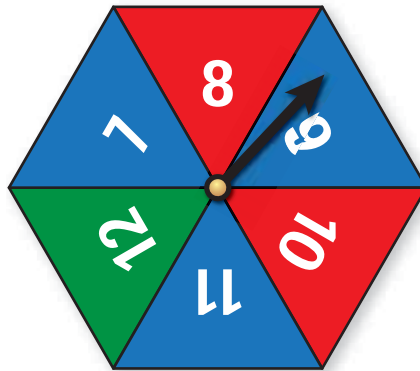# ▶ Extending Concepts

Comparing Events **In Exercises 21–23, use the spinners.**

Spinner A

Spinner B

21. You spin spinner A. Which event has a greater likelihood? Explain your reasoning.

    a. Event 1: Spinning a number less than 1

        Event 2: Spinning a number greater than 1

    b. Event 1: Spinning a multiple of 3

        Event 2: Spinning a number greater than 3

22. You spin spinner B. Which event has a greater likelihood? Explain your reasoning.

    a. Event 1: Spinning green

        Event 2: Spinning red

    b. Event 1: Spinning an even number

        Event 2: Spinning a prime number

23. You spin both spinners. Which event has a greater likelihood? Explain your reasoning.

    a. Event 1: Spinning blue on spinner A

        Event 2: Spinning blue on spinner B

    b. Event 1: Spinning a multiple of 2 on spinner A

        Event 2: Spinning a multiple of 6 on spinner B

24. Impossible and Certain Events Describe two events that are impossible. Describe two events that are certain. Explain your reasoning.