

10.1**Practice**

For use after Lesson 10.1

A bag is filled with 4 red marbles, 3 blue marbles, 3 yellow marbles, and 2 green marbles. You randomly choose one marble from the bag. (a) Find the number of ways the event can occur. (b) Find the favorable outcomes of the event.

1. Choosing red
2. Choosing green
3. Choosing yellow
4. Choosing *not* blue
5. In order to figure out who will go first in a game, your friend asks you to pick a number between 1 and 25.
 - a. What are the possible outcomes?
 - b. What are the favorable outcomes of choosing an even number?
 - c. What are the favorable outcomes of choosing a number less than 20?