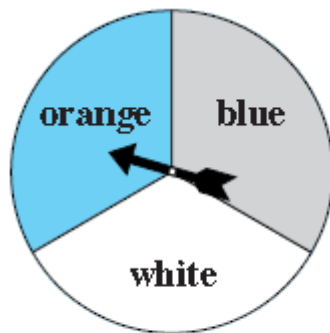**Name:** _____

Probability
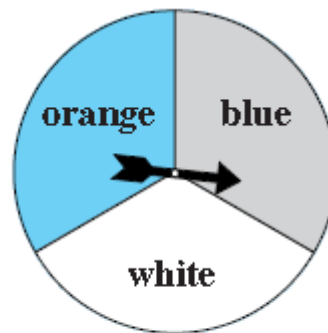
Exercise 1: A bag that contains 6 blue marbles, 7 green marbles, and 3 red marbles.

1) What is the probability of selecting a red marble?

2) What is the probability of selecting a green marble?

Exercise 2: Suppose you spin the two spinners below. Each spinner has an equal chance of landing on white, blue, or orange.

Spinner 1   Spinner 2

1) List all the possible outcomes.

2) How many possible outcomes are there?

3) In how many outcomes does Spinner 1 land on blue and Spinner 2 land on orange? What is the probability of this happening?

4) In how many outcomes does one spinner land on blue and the other land on orange? What is the probability of this happening?

5) In how many outcomes does Spinner 2 land on blue? What is the probability of this happening?