

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Learning Goal 9.1**

I can calculate probabilities.

**When you flipped a coin, how many times did it land on**

a head?	a tail?

Total Possible Outcomes:

**When you rolled a die, how many times did you roll**

a 1?	a 2?	a 3?	a 4?	a 5?	a 6?

Total Possible Outcomes:

**When you flipped a card, how many times did it turn up**

a heart?	a club?	a spade?	a diamond?

Total Possible Outcomes:

**Probability**

**Example** Find the following probabilities.

- a. Rolling a 5 on a die.                      b. Flipping a coin and landing on heads.                      c. Choosing a hear from a deck of cards.

**Sample Space** is

**Example** What is the sample space for rolling a die?

**Example** What is the sample space for tossing **two** coins?