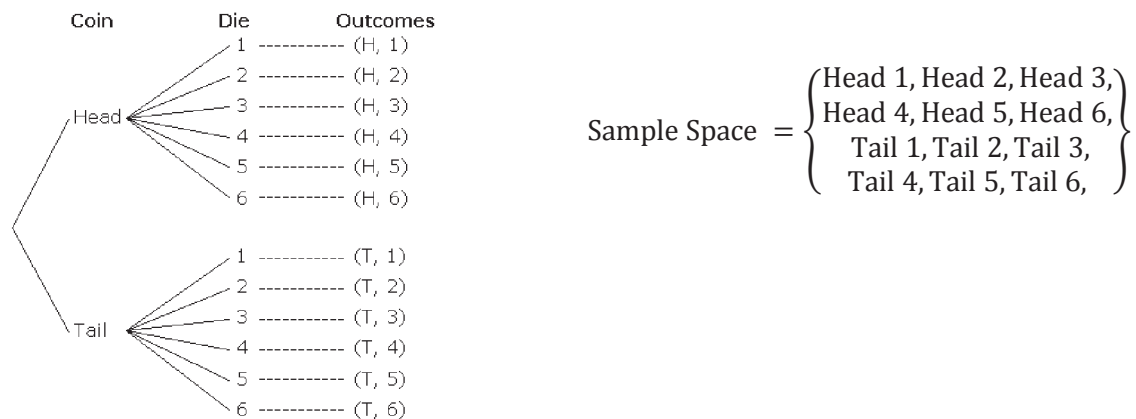


Finding Sample Space

The **sample space** of a random trial is the set of all possible outcomes.

The following shows the sample space of flipping a coin and rolling a six-sided die. Notice there are a total number of 12 outcomes.



Try These

State the sample space for the following.

1. Rolling a six-sided cube
2. Flipping a coin twice
3. The sum of rolling two six-sided cubes
4. Choosing a marble from a jar containing 4 red, 6 yellow and 5 blue marbles.
5. Choosing a letter from the word Mississippi
6. Spinning a wheel numbered 1 through 5
7. Choosing a prime number between 2 and 20
8. Choosing a King from a standard deck of 52 cards.