

# PROBABILITY

## 1. What is it?

It is the likelihood of something happening.

## 2. Whatttt?

If you toss a coin, are you going to get heads or tails? For sure you will get heads or tails, but you really don't know – probably heads or probably tails.

## 3. So what will you get if you toss a coin?

Half the flips will be heads and half will be tails because there are only two sides. Right?

## 4. The probability of flipping heads is $\frac{1}{2}$ , 50%, or .50.

I divided 1 by the number of outcomes. My outcomes can only be heads or tails.

## 5. What if I have 2 coins that I can flip at the same time?

How many possibilities are there? Check out the coin experiment sheet and do it.

## 6. The more you tosses you make, the more likely the results will be equal.

## 7. Now look at the M&M math –to challenge yourself.