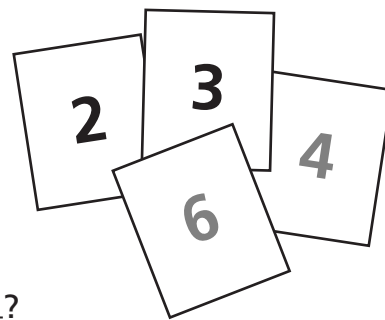


Finding Probabilities

You will need to picture or make a deck of cards that consists of 25 cards numbered 0–25 with a red marker and 25 cards numbered 0–25 with a black marker.



- 1 Suppose you draw a card at random from the deck. What is the probability that you will get _____? Write some events that might fit in that blank space, and then figure out the probability of getting that event. Some ideas are suggested below to get you started.

Events	Probability
1. A number greater than 19	1.
2. A red number	2.
3. A black odd number	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.

- 2 Think about performing a probability experiment using these cards. How many times do you think you would need to draw a card in order to get experimental results that are close to the probabilities you wrote in the table above? Explain why you chose that number.
