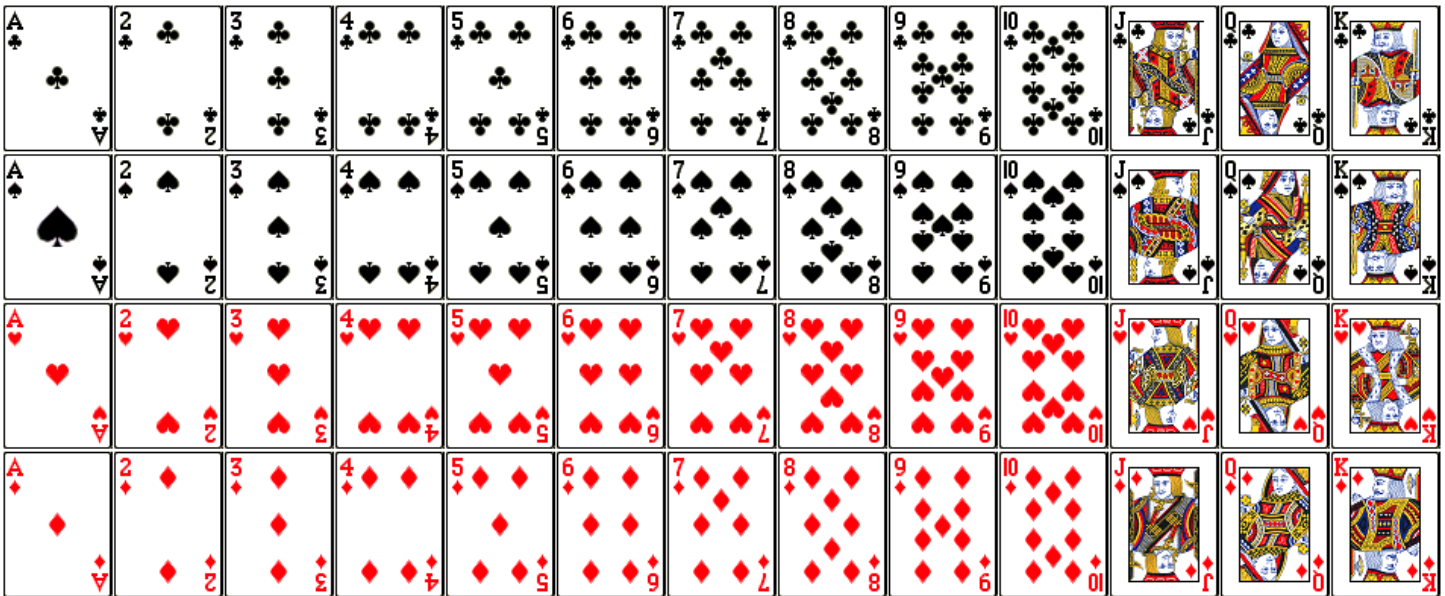


GETTING TO KNOW WHAT IS IN A DECK OF CARDS



DECK

How many cards are in a deck? _____

How many of each type of card? _____

SUITS

How many suits are there? _____

How many cards are in a suit? _____

What are the names of the suits? _____

Which suits are red? _____

Which suits are black? _____

How many red cards in the deck? _____

How many black cards in the deck? _____

TYPES OF CARDS

FACE CARDS (Cards with Faces)

How many face cards are there? _____

What the names for the face cards? _____

How many face cards in a suit? _____

NUMERICAL CARDS (Cards with Numbers)

How many numerical cards are there? _____

How many numerical cards in a suit? _____

ACES (Not a Face Card, Not a Numerical Card)

How many Aces in the deck? _____

Remember:

$$\text{Probability} = \frac{\text{\# of successes}}{\text{\# of possible outcomes}}$$

What would the total number of possible outcomes be if you were drawing from the whole deck of cards?

Using the information that you just reviewed about cards, answer each of the following.

1. What is the probability of drawing a black card?
2. What is the probability of drawing a 6?
3. What is the probability of drawing a heart?
4. What is the probability of drawing a face card?
5. What is the probability of drawing a red 10?
6. What is the probability of drawing card with an odd number on it?
7. What is the probability of **not** drawing a heart?
8. What is the probability of **not** drawing a jack?
9. What is the probability of drawing a red or a black?
10. What is the probability of drawing a black diamond?