outcomes, and the numerator is the number of desired outcomes for the given event. percent. Always start with a fraction; the denominator is the total number of possible Write the probability of each event. Probability can be written as a fraction, decimal, or

井 of desired outcomes

total number of outcomes

When rolling a number cube:

1. P(4) =

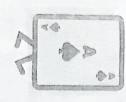
When picking a card from the deck:

7. 
$$P(4) =$$

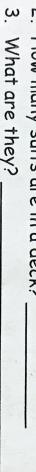
When picking a marble from a bag of 3 white, 5 red, and 7 blue marbles: 12. P(white) = 13. P( red) =

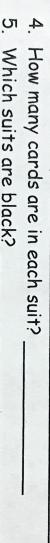
## What's in a Deck of Cards?

Date	Name_
Pe	
79	

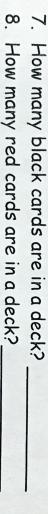


2	-
How	How
2. How many suits are in a deck	many
suits	cards
are i	sare
200	ina
deck?	1. How many cards are in a standard playing deck of cards?
	playing
	deck
	of
	cards?





6	
Which suits are red?	. Tallion out of all o black.



What are the "face cards"?

10. How many face cards are in a deck? 11. How many face cards are in each suit?

12. How many number cards are in each suit?

14. P(red Queen) = 13. What is the probability of drawing a spade? 15. P(purple) =



Clubs (Black): 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King, and Ace (13 cards)

In a deck of cards, you have:



Spades (Black): 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King, and Ace (13 cards)

Diamonds (Red): 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King, and Ace (13 cards) Hearts (Red): 2, 3, 4, 5, 6, 7, 8, 9, 10, Jack, Queen, King, and Ace (13 cards).