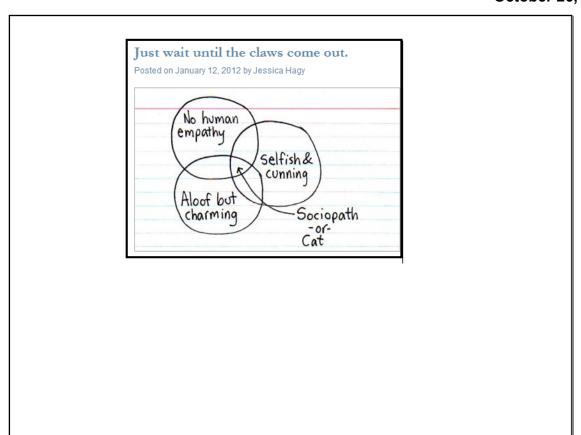
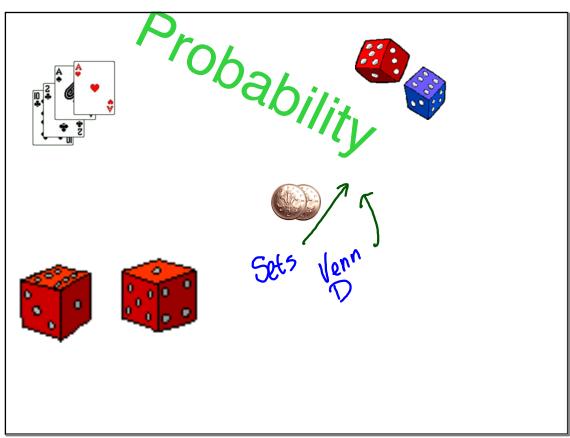
## Assignment #3

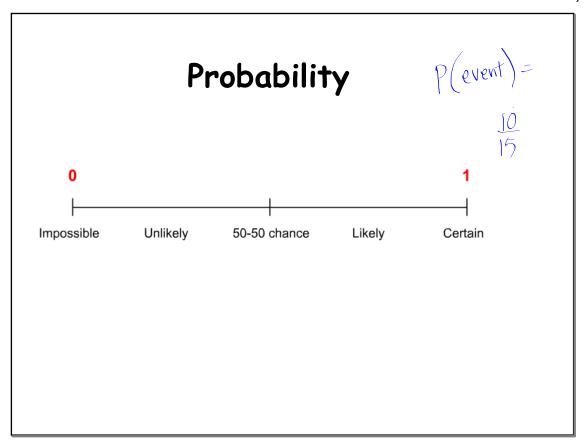
### **Check last night's homework**

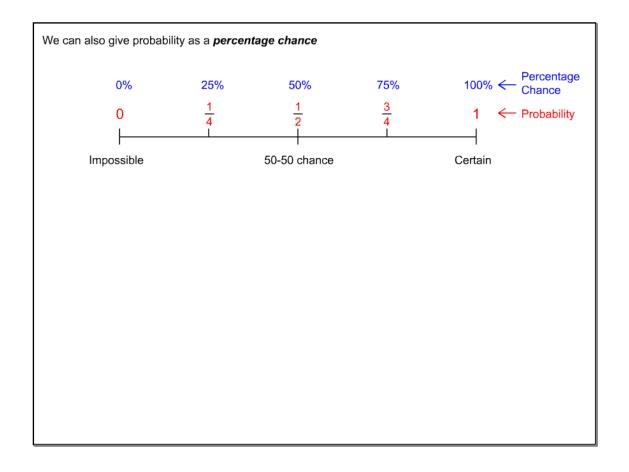


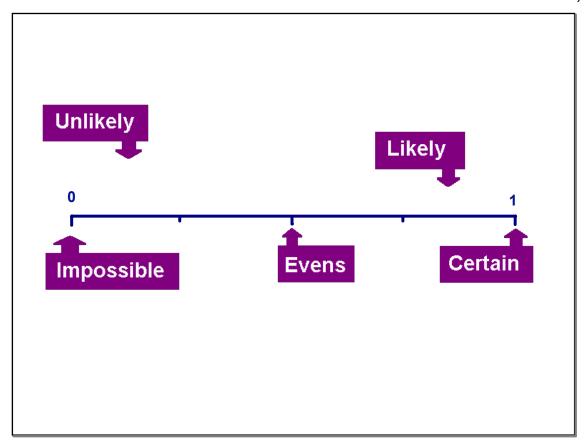


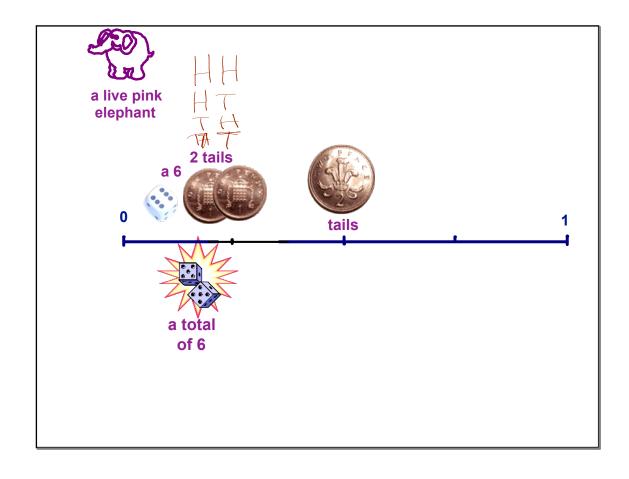
### Aim: CALCULATE BASIC & SIMPLE Probabilities

- · Using Sample Space
- . Using Venn Diagrams
- · Using Probability Laws









# Some basics of Theoretical Probability

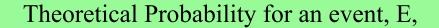
## **DEFINITIONS**

Probability The chance an event happening

Outcome The result of a singletrial

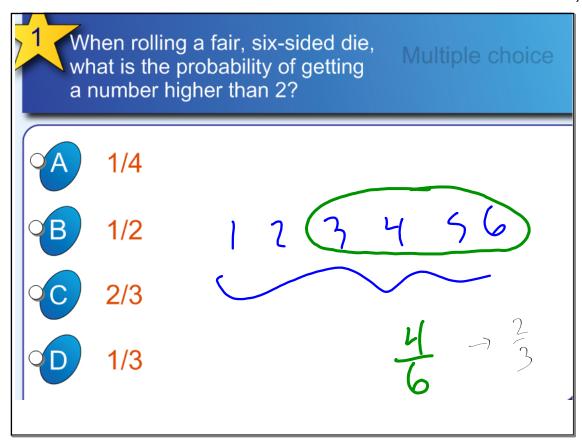
Event One or more outcomes

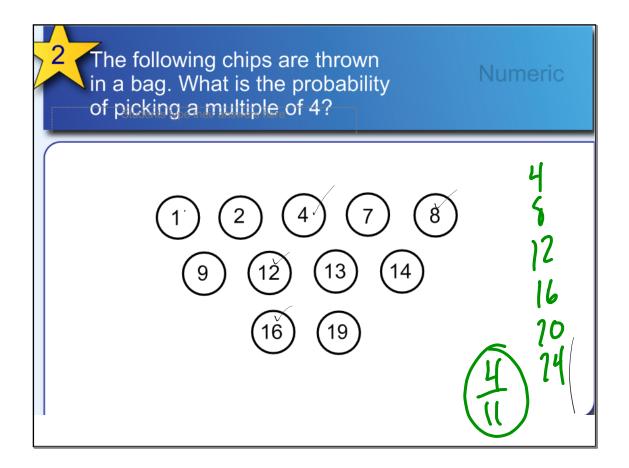
Sample Space The set of all possible outcomes

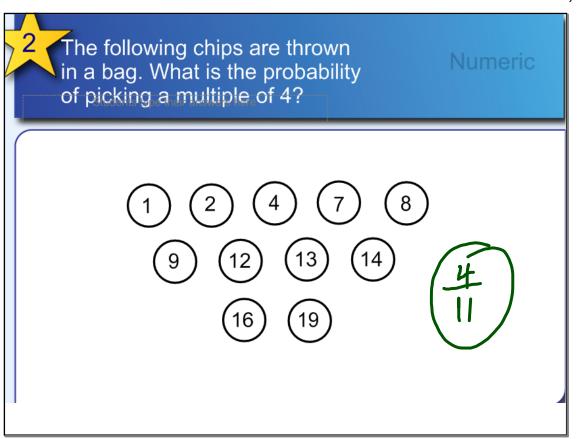


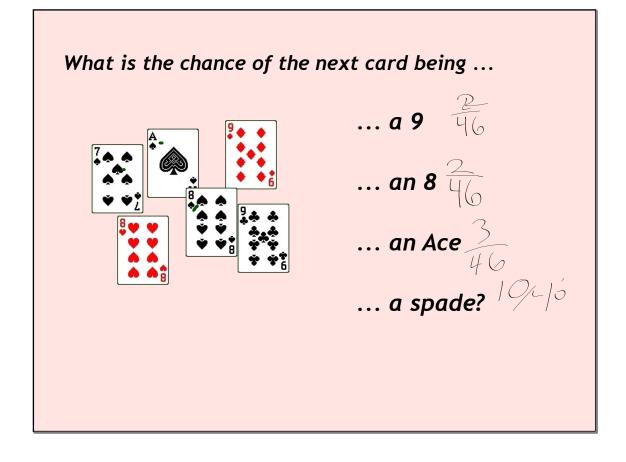
 $is = \frac{number \ of \ members \ of \ the \ event \ E}{total \ number \ of \ possible \ outcomes}$ 

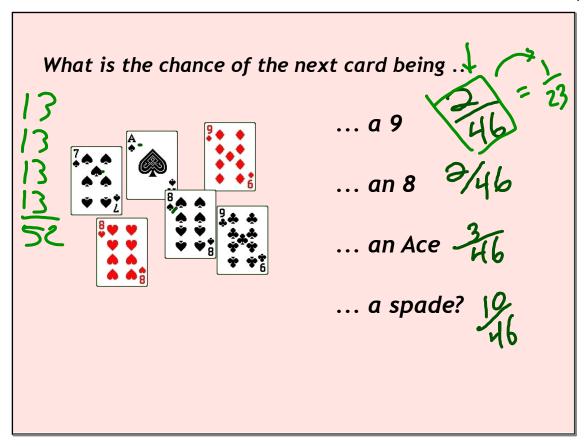
Let's see what you know at this early stage.

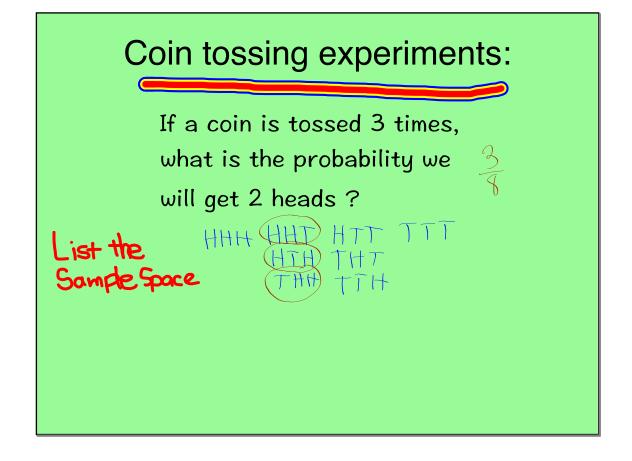








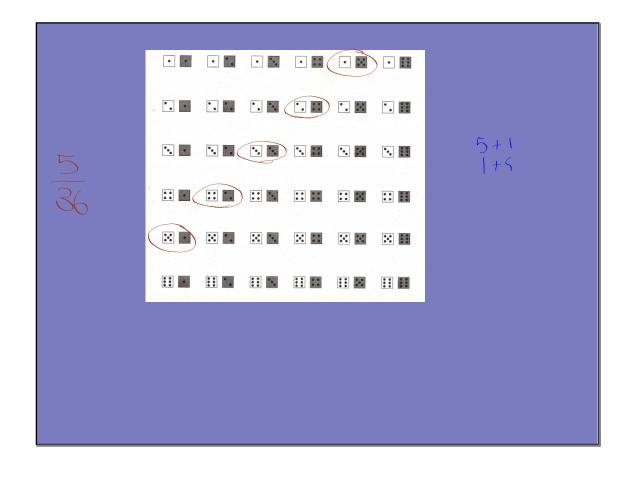


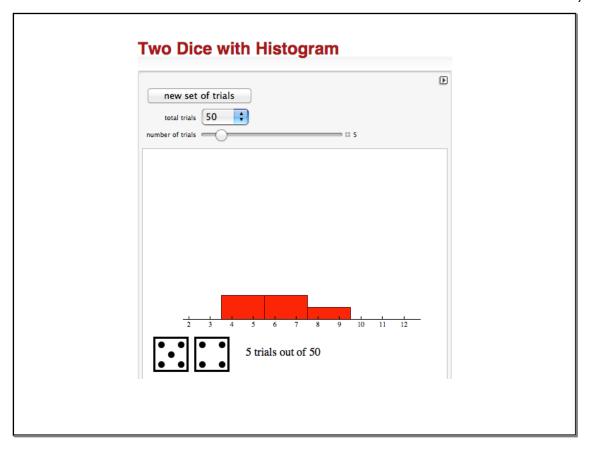


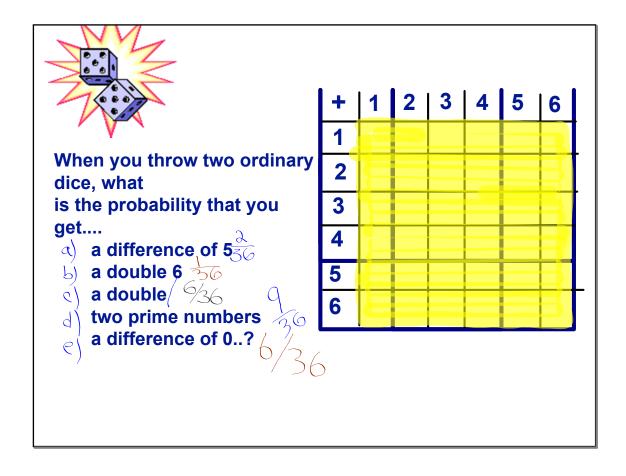
Sample Space

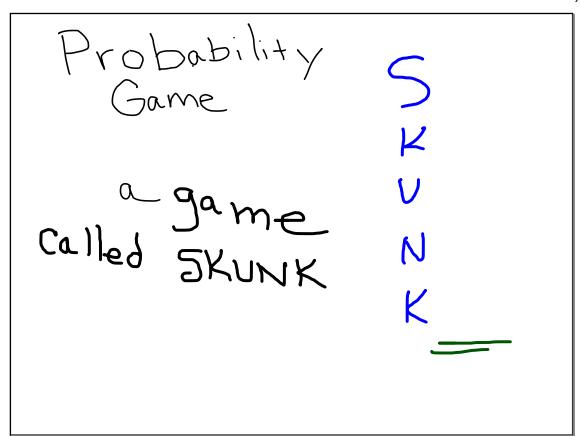
What is the sum on the dice if two are tossed?

Looking at a Sample
Space is powerful
especially if the
situation is not finding
the sum of two die









### Skunk

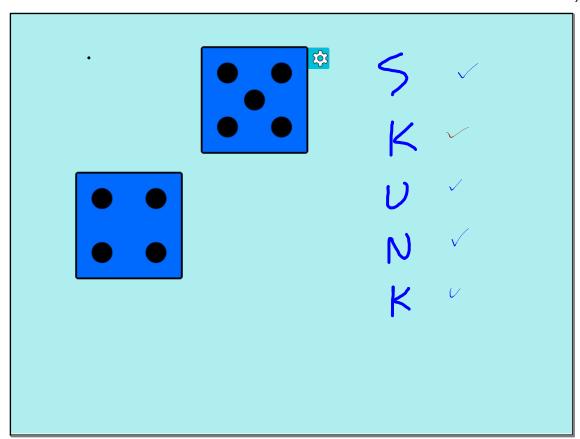
The game of chance.

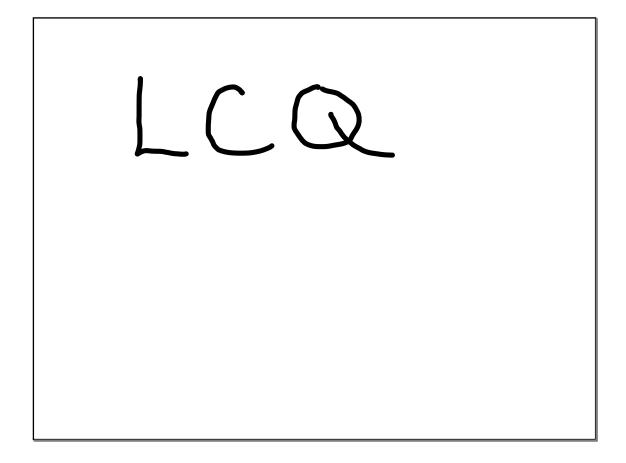
Two dice are rolled.

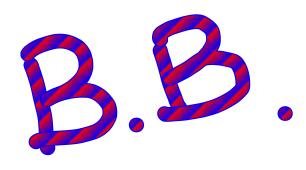
Earn points if you are standing (as long as a 1 does not appear.)

Keep earning points if stay standing (as long as a 1 is not rolled.

Sit down when you want to keep your points and don't want to risk losing them. You can play again in the next round.







#### Assignment No. 4 HH

p.80...9

p.456... 2, 3

p.461.... 1

p.465... 1, 4, 6,7

p82.... 4,6,7,8

Gee me after class if you ended up not signing up to take the IB math Studies test.