It's all about chance

Chance determines a lot of events that happen in everyday life.

Think of between four and six different events that may or may not happen.

Examples to get you thinking:

Winning the national lottery	14 million to 1
A non-league team winning the FA Cup	200 – 1
British male tennis player winning Wimbledon	100 – 1
The government changing at the next election	30 – 1
Getting a grade A at A-level chemistry	20 – 1
Getting a smoking related disease if you smoke	10 – 1

Your examples

Questions

1. What do the 'odds' really mean?
2. For each of these events, what is most likely to happen?
3. Why do the 'odds' vary from one event to another?
4. What factors other than chance could affect whether the events happen or not?