

Chapter 11 – Probability

Probability - how likely an event is going to occur.

Outcome – the result

Simple event - a single outcome

Compound event – the outcome of two or more events

Compliment – the opposite of the outcomes that are to occur

Experimental probability - the results of an experiment based on several trials.

Theoretical probability – the outcome that is expected to occur.

Sample space – all possible outcomes

Fundamental counting principle - finding the number of outcomes by multiplying

Prediction – an outcome you can reasonably expect to happen.

Independent events – the outcome of one event does not effect the outcome of another event

Dependent event - the outcome of one event will effect the probability of the second event.