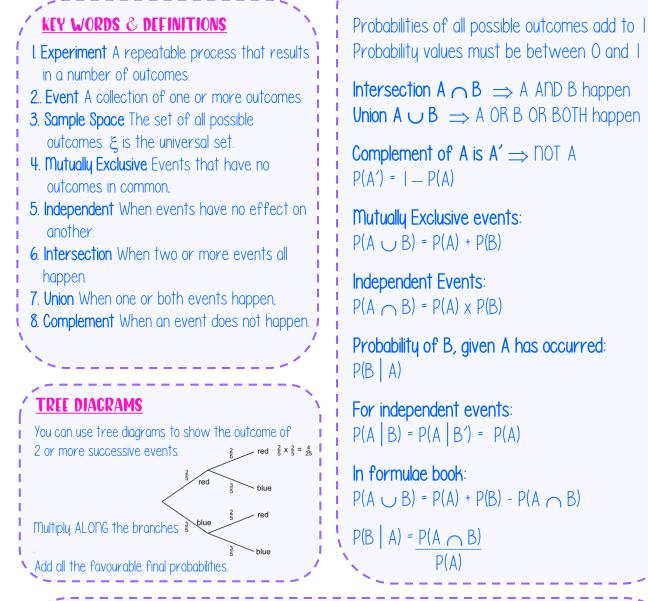
PROBABILITY

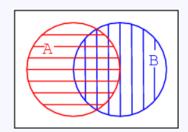


<u>VENN DIACRAMS</u>

Venn diagrams can be used to show either probabilities or the number of outcomes. n(A) is the number of outcomes while P(A) is the probability of an outcome e.g. n(Aces) = 4 P(Ace) = 4/52

Use cross hatch shading to help you work out probabilities.

Focus on one condition at a time, ignoring the other condition completely when you shade.



If P(A) = // and $P(B) = \backslash \land$ $P(A \cap B) = #$ $P(A \cup B) = // + \backslash \land + #$

WHAT DO I NEED TO KNOW