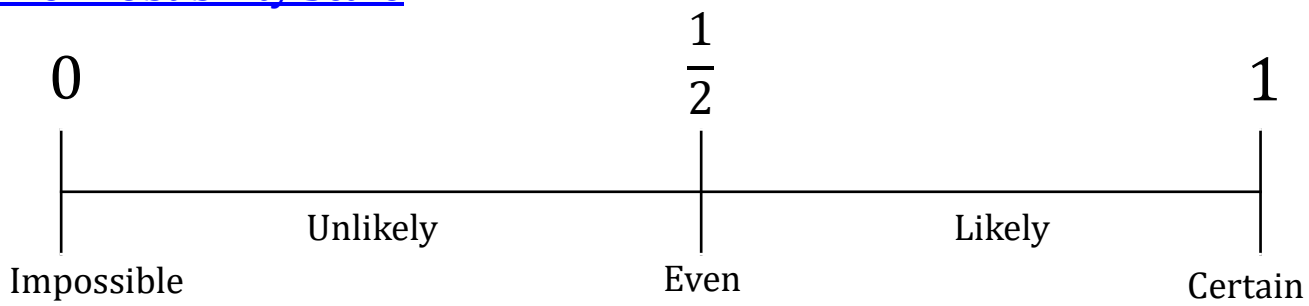
Year 9 Mathematics Probability

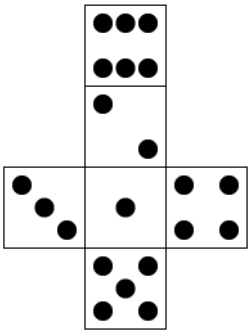
Fractions compare part to whole

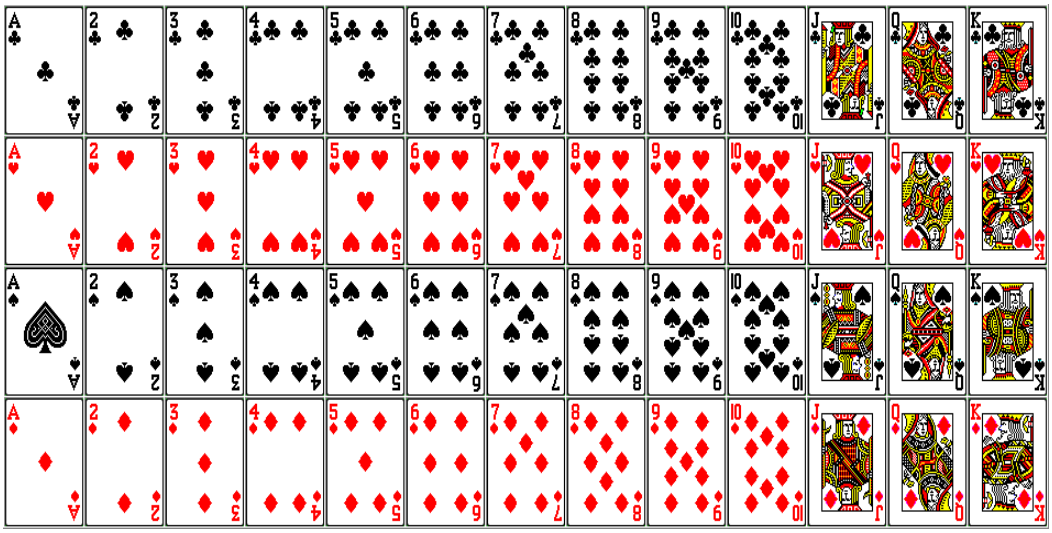
$$\frac{\textbf{numerator}}{\textbf{denominator}}$$

The Probability Scale



The closer a probability is to 1, the ***more*** likely it is.





Probability Notation

P(A)	The probability of event A happening
P(A')	The probability of event A ***not*** happening

Fraction, Decimal, Percentage Equivalences

Words	Fraction	Percentage	Decimal
1 out of 2	$\frac{1}{2}$	50%	0.5
1 out of 4	$\frac{1}{4}$	25%	0.25
3 out of 4	$\frac{3}{4}$	75%	0.75