

Probability

Decimal	Fraction	Percentage	What is the probability (chance)?
0	0	0%	No chance whatever of it happening
0.25	$\frac{1}{4}$	25%	Not very likely to happen
0.5	$\frac{1}{2}$	50%	Just as likely that it will or will not happen
0.75	$\frac{3}{4}$	75%	Quite likely to happen
1	1	100%	It will definitely happen

Equal Probability:

Example	Number of sides	Chance	Probability
Tossing a coin	2 sides	1 in 2 chance of getting a head	$\frac{1}{2}$
		1 in 2 chance of getting a tail	$\frac{1}{2}$
Throwing a dice	6 sides	1 in 6 chance of throwing a 1	$\frac{1}{6}$
		1 in 6 chance of throwing a 2	$\frac{1}{6}$
		1 in 6 chance of throwing a 3	$\frac{1}{6}$
		1 in 6 chance of throwing a 4	$\frac{1}{6}$
		1 in 6 chance of throwing a 5	$\frac{1}{6}$
		1 in 6 chance of throwing a 6	$\frac{1}{6}$