

Parameter	value	description
$X = 1$	$\frac{1}{2}$	head
$X = 0$	$\frac{1}{2}$	tail
$Y = 1$	$\frac{1}{6}$	die shows 1
$Y = 2$	$\frac{1}{6}$	die shows 2
$Y = 3$	$\frac{1}{6}$	die shows 3
$Y = 4$	$\frac{1}{6}$	die shows 4
$Y = 5$	$\frac{1}{6}$	die shows 5
$Y = 6$	$\frac{1}{6}$	die shows 6