Probability Distribution - Step-by-Step Lesson

A coin with sides labeled 1 and 2 is flipped and X is the random variable 'the number that lands face up' Find the probability distribution of X.

Explanation:

Coins have 2 sides. There are therefore, two possible outcomes for every coin flip. Based on the preceding examples, the probability distribution of X is

X	1	1
P(X-x)	$\frac{1}{2}$	$\frac{1}{2}$

Distribution is:

P(X = 1) = 1/2

P(X = 2) = 1/2