



Probability Using Fractions

Probability = $\frac{\text{number of times desired outcome can occur}}{\text{total number of possible outcomes}}$

- **Example 1: Rolling a number 2 using a 6-sided dice**

$$\text{Probability} = \frac{1}{6}$$

- **Example 2: Flipping a 'tails' on a coin**

$$\text{Probability} = \frac{1}{2}$$