

Class 9 Mathematics - The Mathematics of Maybe: Introduction to Probability

Name: _____

Date: _____

Easy Worksheet 4

Questions

1. What is theoretical probability?
2. Write the formula for theoretical probability.
3. Find the probability of getting 4 on a fair die.
4. Find the probability of getting heads on a fair coin.
5. A letter is chosen at random from the word CAT. Find the probability of selecting C.
6. A card numbered 1 to 5 is chosen at random. Find the probability of selecting 3.

Answer Key

1. Probability calculated using equally likely outcomes.
2. Number of favourable outcomes \div Total number of possible outcomes
3. $\frac{1}{6}$
4. $\frac{1}{2}$
5. $\frac{1}{3}$
6. $\frac{1}{5}$