

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

Name: _____

Date: _____

Easy Worksheet 3

Questions

1. What is experimental probability?
2. Write the formula for experimental probability.
3. A die is rolled 20 times and 5 appears 4 times. Find the experimental probability of getting 5.
4. A coin is tossed 30 times and heads appears 18 times. Find the experimental probability of getting heads.
5. What is relative frequency?
6. Is experimental probability based on actual observations?

Answer Key

1. Probability calculated using observed data from experiments.
2. Number of times event occurs \div Total number of trials
3. $4/20 = 1/5$
4. $18/30 = 3/5$
5. The frequency of an event relative to the total number of trials.
6. Yes