

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

Name: _____

Date: _____

Medium Worksheet 1

Questions

1. Classify the following events as Impossible, Less Likely, Equally Likely, More Likely, or Certain:
 - (a) Getting a number greater than 6 on a fair die
 - (b) Getting a head when tossing a fair coin
 - (c) The sun rising in the east
2. What is the probability of getting an even number on a fair die?
3. What is the probability of getting an odd number on a fair die?
4. What is the probability of getting a number less than 5 on a fair die?
5. What is the probability of getting a multiple of 3 on a fair die?
6. Which event is more likely: getting a number less than 5 or getting a multiple of 3?

Answer Key

1. (a) Impossible
(b) Equally Likely
(c) Certain
2. $\frac{3}{6} = \frac{1}{2}$
3. $\frac{3}{6} = \frac{1}{2}$

4. $\frac{4}{6} = \frac{2}{3}$

5. $\frac{2}{6} = \frac{1}{3}$

6. Getting a number less than 5

