

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

Name: _____

Date: _____

Medium Worksheet 3

Questions

1. A coin is tossed 40 times. Heads appears 22 times. Find the experimental probability of heads.
2. Find the experimental probability of tails.
3. A die is rolled 50 times and the number 6 appears 9 times. Find the experimental probability of getting 6.
4. A spinner is spun 30 times and lands on red 12 times. Find the experimental probability of red.
5. Is experimental probability always equal to theoretical probability?
6. Which probability is based on actual observations?

Answer Key

1. $22/40 = 11/20$
2. $18/40 = 9/20$
3. $9/50$
4. $12/30 = 2/5$
5. No
6. Experimental probability