

Experimental Probability

Mathematics · Answer Key · 6 Questions

1. What does probability refer to?

- A) Likelihood or chance of an event occurring**
- B) The area of a square
- C) The speed of an object
- D) The weight of an item

2. What are the results of an experiment called?

- A) Outcomes**
- B) Hypotheses
- C) Variables
- D) Constants

3. Which of the following is a way to express probability using words?

- A) Likely**
- B) Kilograms
- C) Meters
- D) Seconds

4. If a spinner has 8 possible outcomes, how many outcomes are there?

- A) 8**
- B) 4
- C) 16
- D) 2

5. In the given spinner example, which color has the highest chance of occurring? (Assuming 3 blue, and less of red/green/yellow)

- A) Blue**
- B) Red
- C) Green
- D) Yellow

6. What is the theoretical probability defined as?

- A) Ratio of favorable outcomes to total outcomes**
- B) Sum of all possible outcomes
- C) Product of favorable outcomes and total outcomes
- D) Difference between favorable and total outcomes