

Math Worksheet

Chance and Probability

YEAR 4

Name: _____

Date: _____

1. Understanding Probability

A. Circle the Likelihood

For each situation, circle whether the event is "Certain," "Likely," "Unlikely," or "Impossible."

1. It will rain tomorrow.

- Certain
- Likely
- Unlikely
- Impossible

2. You will roll a 3 on a standard 6-sided die.

- Certain
- Likely
- Unlikely

- Impossible

3. You will see a dinosaur at the zoo.

- Certain
- Likely
- Unlikely
- Impossible

4. The sun will rise tomorrow.

- Certain
 - Likely
 - Unlikely
 - Impossible
-

2. Probability with Dice

A. Roll and Record

Roll a 6-sided dice 10 times and record the results in the table below.

Results:

Roll	Result
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

B. Answer the Questions

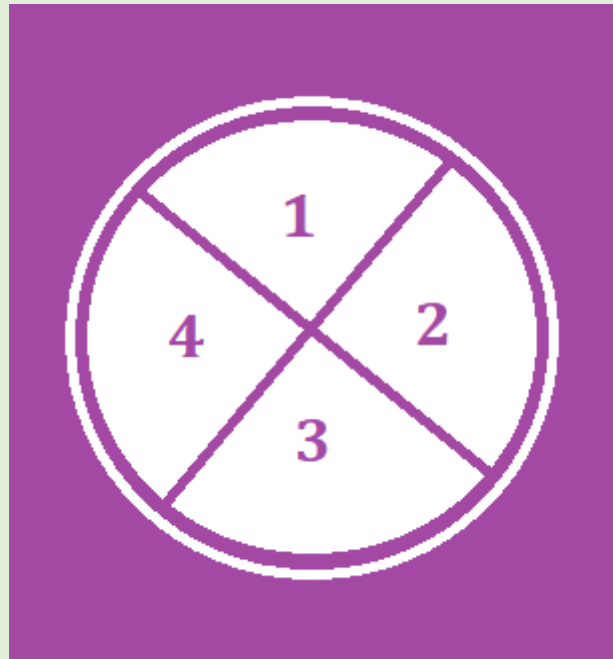
1. What number appeared the most?

2. What is the probability of rolling a 4?

3. Probability with Spinners

A. Colour the Spinner

Below is a spinner with 4 equal sections: Colour each section - Red, Blue, Green, and Yellow.



B. Answer the Questions

1. What is the probability of landing on Green?

2. What is the probability of landing on a colour other than Blue?

4. Creating a Simple Graph

A. Collect Data

With a classmate, flip a coin 10 times and record the results.

Results:

Heads	Tails

B. Create a Graph

Draw a simple bar graph to show the number of Heads and Tails.

5. True or False

Circle whether each statement is **True** or **False**.

1. **If you flip a coin, there are two possible outcomes:**

Heads or Tails.

- True
- False

2. Rolling a die always results in an even number.

- True
- False

3. The probability of picking a red marble from a bag with only red marbles is 100%.

- True
- False

4. It is equally likely to roll a 1 or a 6 on a 6-sided die.

- True
- False

Teacher's Comments:

Next Steps:

This worksheet is designed to be interactive and engaging, offering a variety of activities to help Year 4 students grasp the

concepts of chance and probability. The activities include real-world scenarios, simple probability calculations, and data representation.

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