



Probability and Data

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Flipping a coin and getting heads is impossible.

Rewrite: _____

2. Fix the sentence: Pulling a red marble from a bag of only blue marbles is certain.

Rewrite: _____

3. Fix the sentence: Rolling a number less than 7 on a standard die is unlikely.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An event that will definitely happen is called _____ .
2. An event that cannot ever happen is called _____ .
3. On a tally chart, four straight marks plus one slash equals _____ .
4. If a bar reaches the number 8 on a bar graph, the count is _____ .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is rolling a 3 on a six-sided die unlikely but not impossible?

2. How does a tally chart help you read data quickly?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Flipping a coin and getting heads is impossible.

Rewrite: Flipping a coin and getting heads is likely.

2. Fix the sentence: Pulling a red marble from a bag of only blue marbles is certain.

Rewrite: Pulling a red marble from a bag of only blue marbles is impossible.

3. Fix the sentence: Rolling a number less than 7 on a standard die is unlikely.

Rewrite: Rolling a number less than 7 on a standard die is certain.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. An event that will definitely happen is called certain .
2. An event that cannot ever happen is called impossible .
3. On a tally chart, four straight marks plus one slash equals 5 .
4. If a bar reaches the number 8 on a bar graph, the count is 8 .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Why is rolling a 3 on a six-sided die unlikely but not impossible?

Only one face shows 3 out of six faces, so it can happen but probably will not on any single roll.

2. How does a tally chart help you read data quickly?

Tally marks group counts in fives, so you can skip-count by fives and add the leftover marks to find totals.
