



# Probability and Data

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Fill in the Blank

Write the missing word or number on each line.

- Five tally bundles plus 2 marks equal a count of \_\_\_\_\_.
- A bag holds 1 yellow, 1 green, and 2 blue marbles. Blue chance is \_\_\_\_\_ out of 4.
- If 3 of 4 buttons are red, the probability of red is 3/ \_\_\_\_\_.
- Bars show 6 books and 10 toys. Toys beat books by \_\_\_\_\_.
- A spinner with 1 red and 3 white sections gives red a chance of 1/ \_\_\_\_\_.
- If a coin lands heads about 1 in 2 flips, that is \_\_\_\_\_ likely.
- If a chart shows 9 apples and 11 pears, the total fruit count is \_\_\_\_\_.
- Pulling a vowel from the letters A, E, I, O is \_\_\_\_\_.
- Drawing a red card from a black-only deck is \_\_\_\_\_.

## Part B: Matching

Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

1 red marble in a bag of 2	→ _____	1/2 chance, equally likely
Rolling 8 on a standard die	→ _____	Impossible event
Picking any letter from A to Z	→ _____	Certain event
1 winner out of 100 tickets	→ _____	Unlikely event

**Part A: Fill in the Blank**

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Write the missing word or number on each line.

- Five tally bundles plus 2 marks equal a count of 27 .
- A bag holds 1 yellow, 1 green, and 2 blue marbles. Blue chance is 2 out of 4.
- If 3 of 4 buttons are red, the probability of red is  $3/4$  4 .
- Bars show 6 books and 10 toys. Toys beat books by 4 .
- A spinner with 1 red and 3 white sections gives red a chance of  $1/4$  4 .
- If a coin lands heads about 1 in 2 flips, that is equally likely.
- If a chart shows 9 apples and 11 pears, the total fruit count is 20 .
- Pulling a vowel from the letters A, E, I, O is certain .
- Drawing a red card from a black-only deck is impossible .

**Part B: Matching**

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Match each item on the left to the correct answer on the right.

- Match each item to its correct answer.

1 red marble in a bag of 2	→ <u>1/2 chance, equally likely</u>	1/2 chance, equally likely
Rolling 8 on a standard die	→ <u>Impossible event</u>	Impossible event
Picking any letter from A to Z	→ <u>Certain event</u>	Certain event
1 winner out of 100 tickets	→ <u>Unlikely event</u>	Unlikely event