



Probability and Data

Name: _____

Date: _____

Grade: Grade 4

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Four full tally bundles plus 3 single marks equals _____.
2. A bag has 2 red and 2 blue marbles. The chance of red is _____ out of 4.
3. If 1 of 4 cards shows a star, the probability of a star is $1/$ _____.
4. On a bar graph, apples reach 9 and pears reach 5. Apples beat pears by _____.
5. A spinner has 2 red and 2 green sections. Red and green are equally _____.
6. Half of the spinner is blue, so blue lands 1 out of _____ times on average.
7. If a tally chart shows 12 dogs and 8 cats, the total pets equal _____.
8. If 1 of 8 socks is striped, the probability of striped is $1/$ _____.
9. Drawing a black card from a deck of red cards only is _____.

Part B: Matching

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

1. Match each item to its correct answer.

Sun rising tomorrow	→ _____	Certain
Rolling a 7 on a standard die	→ _____	Impossible
Flipping heads on a fair coin	→ _____	Likely or $1/2$ chance
Snow in the desert this week	→ _____	Unlikely

Part A: Fill in the Blank

Write the missing word or number on each line.

- Four full tally bundles plus 3 single marks equals 23 .
- A bag has 2 red and 2 blue marbles. The chance of red is 2 out of 4.
- If 1 of 4 cards shows a star, the probability of a star is $1/$ 4 .
- On a bar graph, apples reach 9 and pears reach 5. Apples beat pears by 4 .
- A spinner has 2 red and 2 green sections. Red and green are equally likely .
- Half of the spinner is blue, so blue lands 1 out of 2 times on average.
- If a tally chart shows 12 dogs and 8 cats, the total pets equal 20 .
- If 1 of 8 socks is striped, the probability of striped is $1/$ 8 .
- Drawing a black card from a deck of red cards only is impossible .

Part B: Matching

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

- Match each item to its correct answer.

Sun rising tomorrow	→ <u>Certain</u>	Certain
Rolling a 7 on a standard die	→ <u>Impossible</u>	Impossible
Flipping heads on a fair coin	→ <u>Likely or 1/2 chance</u>	Likely or 1/2 chance
Snow in the desert this week	→ <u>Unlikely</u>	Unlikely