



# Probability and Data

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

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

Grade: Grade 4

## Part A: Multiple Choice

Circle the best answer for each question.

1. A coin showed heads 12 of 20 flips. About how many heads in 100 flips?

- A) 60
- B) 50
- C) 40
- D) 70

2. A bar graph shows 6 apples, 9 pears, and 5 plums. Total fruit count?

- A) 18
- B) 20
- C) 22
- D) 21

3. If 2 of 8 socks are striped, the probability of striped equals?

- A)  $\frac{1}{2}$
- B)  $\frac{1}{3}$
- C)  $\frac{1}{4}$
- D)  $\frac{1}{8}$

4. A tally chart shows 5 bundles and 4 singles. What is the count?

- A) 20
- B) 25
- C) 28
- D) 29

## Part B: Fill in the Blank

Write the correct answer on each line.

1. If 4 of 20 spins land green, predicting 100 spins gives about \_\_\_\_\_ greens.
2. A bag has 3 red, 3 blue, and 6 white marbles. Probability of white is  $\frac{6}{_____}$ .
3. A bar graph shows 14 cars and 6 trucks. The total vehicle count is \_\_\_\_\_.
4. A tally chart of 8 bundles and 2 extras totals \_\_\_\_\_.
5. If 5 of 20 cards are hearts, the probability of hearts simplifies to  $\frac{1}{_____}$ .

**Part A: Multiple Choice**

Circle the best answer for each question.

1. A coin showed heads 12 of 20 flips. About how many heads in 100 flips?

- A) 60
- B) 50
- C) 40
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2. A bar graph shows 6 apples, 9 pears, and 5 plums. Total fruit count?

- A) 18
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3. If 2 of 8 socks are striped, the probability of striped equals?

- A)  $1/2$
- B)  $1/3$
- C)  $1/4$
- D)  $1/8$

4. A tally chart shows 5 bundles and 4 singles. What is the count?

- A) 20
- B) 25
- C) 28
- D) 29

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. If 4 of 20 spins land green, predicting 100 spins gives about 20 greens.
2. A bag has 3 red, 3 blue, and 6 white marbles. Probability of white is  $6/$  12 .
3. A bar graph shows 14 cars and 6 trucks. The total vehicle count is 20 .
4. A tally chart of 8 bundles and 2 extras totals 42 .
5. If 5 of 20 cards are hearts, the probability of hearts simplifies to  $1/$  4 .