



# Probability and Statistics

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

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

Grade: Grade 5

## Part A: Fix the Sentence

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

1. Fix the sentence: The spinner have four equal sector.

Rewrite: \_\_\_\_\_

2. Fix the sentence: There is 26 red cards in the deck.

Rewrite: \_\_\_\_\_

3. Fix the sentence: One out of six are a small chance.

Rewrite: \_\_\_\_\_

## Part B: Fill in the Blank

Write the missing word or number on each line.

1. A spinner has 4 equal colored sectors. The probability of landing on red is \_\_\_\_\_ .
2. From a 52-card deck, the probability of drawing a red card is \_\_\_\_\_ .
3. The probability of rolling a 6 on a fair number cube can be read as 1 \_\_\_\_\_ of 6.
4. Written as a percent, the probability  $\frac{1}{2}$  equals \_\_\_\_\_ %.

## Part C: Short Answer

Answer each question in one or two complete sentences.

1. A spinner has 4 equal sectors: red, blue, green, yellow. What is P(blue) as a fraction and a percent?

\_\_\_\_\_  
\_\_\_\_\_

2. Out of 52 cards, what is the probability of drawing an ace? Show as a fraction.

\_\_\_\_\_  
\_\_\_\_\_

**Part A: Fix the Sentence**

---

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

1. Fix the sentence: The spinner have four equal sector.

Rewrite: The spinner has four equal sectors.

---

2. Fix the sentence: There is 26 red cards in the deck.

Rewrite: There are 26 red cards in the deck.

---

3. Fix the sentence: One out of six are a small chance.

Rewrite: One out of six is a small chance.

---

**Part B: Fill in the Blank**

---

Write the missing word or number on each line.

1. A spinner has 4 equal colored sectors. The probability of landing on red is 1/4.
2. From a 52-card deck, the probability of drawing a red card is 1/2.
3. The probability of rolling a 6 on a fair number cube can be read as 1 out of 6.
4. Written as a percent, the probability  $1/2$  equals 50 %.

**Part C: Short Answer**

---

Answer each question in one or two complete sentences.

1. A spinner has 4 equal sectors: red, blue, green, yellow. What is P(blue) as a fraction and a percent?

*P(blue) = 1/4 = 25% because one of four equal sectors is blue.*

---

---

2. Out of 52 cards, what is the probability of drawing an ace? Show as a fraction.

*There are 4 aces in 52 cards, so P(ace) = 4/52 = 1/13.*

---

---