

UNIT 4 PROBABILITY • TOPIC 4.1

Likelihood

★ ☆ ☆ Getting started

Name

Date

Score

/ 10

Show you understand the basics. Write your answers in the boxes and on the lines.

1

Draw a line to match each event to its likelihood.

2 marks

event

It will rain in Dar es Salaam in April.

A goat will fly past the window.

You roll a 6 on a dice.

A coin lands on tails.

Tomorrow comes after today.

likelihood

certain

poor chance

no chance

good chance

even chance

2

Write the letter of each event in the correct place on the likelihood scale.

2 marks

A The sun will rise tomorrow. **B** You take a red ball from a bag of 1 red and 9 blue balls. **C** A coin lands on heads. **D** A fish walks to school. **E** A spinner with 3 grey sections out of 4 lands on grey.

No chance

Poor chance

Even chance

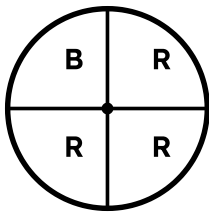
Good chance

Certain

3

Here is a spinner. Use the words *no chance* · *poor chance* · *even chance* · *good chance* · *certain*.

2 marks



R = red, B = blue

(a) What is the chance the spinner lands on red?

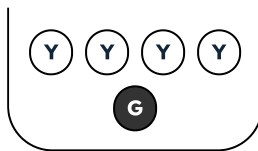
(b) What is the chance it lands on blue?

(c) What is the chance it lands on green?

4

A bag holds 4 yellow balls and 1 green ball. Amani takes one ball without looking. Complete each sentence with **no chance**, **poor chance**, **good chance** or **certain**.

2 marks



(a) There is a of taking a yellow ball.

(b) There is a of taking a green ball.

(c) There is of taking a red ball.

(d) It is that the ball will be yellow or green.

5

A dice is rolled once. Write **no chance**, **poor chance**, **even chance**, **good chance** or **certain** for each event.

2 marks

(a) It lands on a number less than 7.

(b) It lands on 2.

(c) It lands on an even number.

(d) It lands on 0.

How did I do?

☐ Easy ☐ OK ☐ Tricky

/ 10