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PRACTICE TEST

Practice test · Term 1–4
Version 1.5 · 20 October 2026

Mathematics · Grade 4

Data Handling

Term 1–4 | 8 questions | CAPS-aligned

TOTAL 42 MARKS

NAME AND SURNAME _____ CLASS _____ DATE _____

Instructions

1. Read all the questions carefully before you begin writing.
2. Answer all the questions on the question paper itself.
3. Show all your working where the question asks for it.
4. Write neatly. Work that cannot be read cannot be marked.
5. You may use a pencil and a ruler for drawings.
6. Calculators are not allowed.

Question	Content of the question	Marks	Obtained
1	Multiple choice	3	
2	Matching	4	
3	Tally table	7	
4	Pictograph	6	
5	Pie chart: favourite sport	4	
6	Bar graph: favourite colour	5	
7	Collect and sort data	7	
8	Probability	6	
	Total	42	
	Percentage		%

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1 Multiple choice

3 marks

Choose the correct answer and circle its letter.

PRACTICE EXAMPLE · DO THIS ONE TOGETHER FIRST

A tally table shows two full bundles of five. What number is that?

a 8 b 10 c 12

Each bundle is 5. Two bundles are 5 + 5 = 10, so the answer is b. Circle the b.

This example does not count for marks. It only shows you how to answer.

1.1 What do we call a table in which we count with strokes? **(1)**

(a) A tally table (b) A calendar (c) A map

1.2 In a tally table there are two full bundles of five and one more stroke. What number is that? **(1)**

(a) 7 (b) 11 (c) 12

1.3 Which graph uses pictures to show data? **(1)**

(a) A bar graph (b) A line graph (c) A pictograph

2 Matching

4 marks

Match the description in COLUMN A with the correct word in COLUMN B. Write only the LETTER. One word is left over.

2.1 **(4)**

COLUMN A	COLUMN B	Answer
1. Information that we collect	A. Pictograph	1 = _____
2. A graph with bars of different heights	B. Perimeter	2 = _____
3. A graph that uses pictures	C. Bar graph	3 = _____
4. Asking people questions to collect data	D. Data	4 = _____
	E. Survey	

3 Tally table

7 marks

3.1 The class voted for their favourite fruit. Count the tally marks and write the number in the table. **(4)**

Apple	𝍸 ||
Banana	𝍸 𝍸 ||
Orange	𝍸
Grapes	𝍸 ||||

Fruit	Apple	Banana	Orange	Grapes
Number				

3.2 Which fruit is the most popular, and by how many votes does it beat second place? **(2)**

3.3 How many learners voted altogether? **(1)**

4 Pictograph

6 marks

4.1 The pictograph shows how many books each group read. Each ■ = 2 books. **(4)**

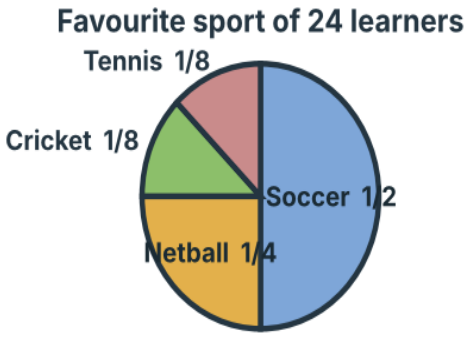
Group	Books read	Number
Lions	■■■■	
Elephants	■■■	
Rhinos	■■■■■	
Buffaloes	■■	

4.2 How many more books did the Rhinos read than the Elephants? **(2)**

5 Pie chart: favourite sport

4 marks

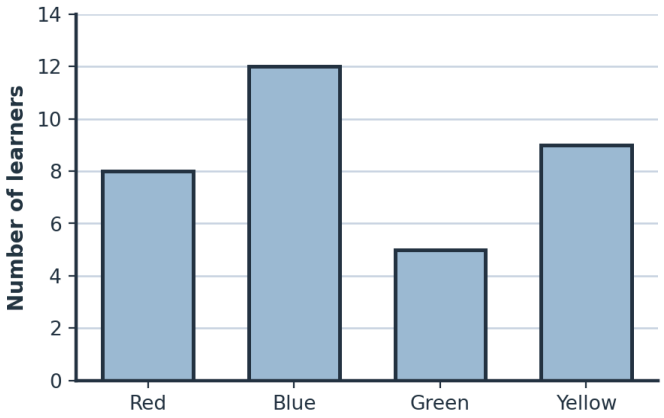
5.1 The pie chart shows the favourite sport of 24 learners. a. Which sport is the most popular? b. What fraction of the learners chose netball? c. How many learners chose soccer? d. Which TWO sports were chosen by the same number of learners? **(4)**



6 Bar graph: favourite colour

5 marks

6.1 Study the bar graph below and answer the questions. **(5)**



a. Which colour is the most popular? _____

b. Which colour was chosen least? _____

c. How many learners voted altogether? _____

d. What is the difference between the most and the least? _____

e. Write ONE sentence about what the graph shows.

7 Collect and sort data

7 marks

7.1 Here are the shoe sizes of 12 learners: 3 ; 4 ; 3 ; 5 ; 4 ; 3 ; 6 ; 4 ; 3 ; 5 ; 4 ; 3. Sort the data into the table. **(4)**

Shoe size	3	4	5	6
Number of learners				

7.2 Which shoe size occurs most? **(1)**

7.3 Why does it help a shoe shop to have this kind of data? **(2)**

8 Probability

6 marks

8.1 You toss a coin. What are the possible outcomes? **(2)**

8.2 You throw an ordinary die. Write down ALL the possible outcomes. **(1)**

8.3 Thabo throws a die 24 times. The table shows his results. **(3)**

Number thrown	1	2	3	4	5	6
Number of times	3	5	4	2	6	4

a. Which number was thrown most often? _____

b. How many times was an EVEN number thrown? _____

c. Does this mean the die is unfair? _____

Total **42 marks**



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