MeerkatSkool

PRACTICE TEST

Practice test · Term 1–4
Version 1.6 · 21 October 2026

Mathematics · Grade 5

Measurement

Term 1–4 | 11 questions | CAPS-aligned

TOTAL
65
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	7	
2	Matching	4	
3	Time	8	
4	Temperature	5	
5	Length and mass	10	
6	Comparing masses	3	
7	Capacity and volume	6	
8	Mass and volume	4	
9	Perimeter and area	8	
10	Perimeter and area	6	
11	Perimeter and area	4	
	Total	**65**	
	Percentage		%

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1 Multiple choice

7 marks

Choose the correct answer and circle its letter.

PRACTICE EXAMPLE · DO THIS ONE TOGETHER FIRST

How many minutes are in one hour?

a 30 b 60 c 100

One hour has 60 minutes, so the answer is b. Circle the b.

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

1.1 How many millimetres are there in 7 cm 2 mm? **(1)**

(a) 72 mm (b) 720 mm (c) 7 200 mm

1.2 How is twenty to nine in the evening written in 24-hour time? **(1)**

(a) 08:40 (b) 20:40 (c) 21:20

1.3 Which instrument would you use to measure the mass of a person? **(1)**

(a) A bathroom scale (b) A measuring jug (c) A tape measure

1.4 The perimeter of a square is 48 cm. How long is one side? **(1)**

(a) 12 cm (b) 8 cm (c) 16 cm

1.5 One metre is how many centimetres? **(1)**

(a) 10 cm (b) 100 cm (c) 1 000 cm

1.6 How many minutes are there in a quarter of an hour? **(1)**

(a) 10 (b) 20 (c) 15

1.7 The distance around a shape is called the: **(1)**

(a) perimeter (b) area (c) volume

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. The distance around a shape	A. Area	1 = _____
2. How much space a flat shape covers	B. Capacity	2 = _____
3. How heavy something is	C. Perimeter	3 = _____
4. How much a container can hold	D. Temperature	4 = _____
	E. Mass	

3 Time

8 marks

3.1 Look at the clock below. **(2)**



a. What time does the clock show? _____

b. Write this afternoon time in 24-hour time: _____

3.2 Study the bus timetable below and answer the questions. **(4)**

Stop	Bus 1	Bus 2	Bus 3
Mossel Bay	06:40	09:15	13:50
Great Brak	07:05	09:40	14:15
George	07:45	10:20	14:55

a. How long does Bus 1 take from Mossel Bay to George? _____

b. What time does Bus 2 leave Great Brak? _____

c. You must be in George by 14:30. What is the LATEST bus you can catch?

_____

d. How much later than Bus 1 does Bus 3 leave Mossel Bay? _____

3.3 A film starts at 17:50 and runs for 2 hours and 25 minutes. What time does it end? Show your working. **(2)**

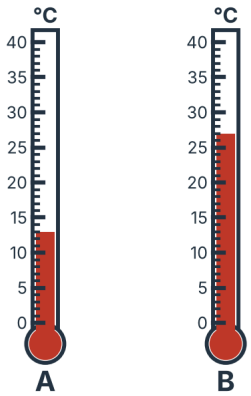
_____

_____

4 Temperature

5 marks

4.1 Look at the two thermometers. Thermometer A shows the temperature at 07:00 and thermometer B the temperature at 14:00. **(3)**



a. What was the temperature at 07:00? _____

b. What was the temperature at 14:00? _____

c. How many degrees warmer was it at 14:00 than at 07:00? _____

4.2 Complete: **(2)**

a. Pure water freezes at _____ °C.

b. The normal body temperature of a healthy person is about _____ °C.

5 Length and mass

10 marks

5.1 Complete the conversions. **(3)**

Conversion	Answer
3 km 700 m → m	
2 kg 450 g → g	
85 cm → mm	

5.2 Look at the scale below. **(2)**



a. What is the mass in grams? _____

b. Write this mass in kilograms and grams: _____

5.3 A bag of cement has a mass of 42 kg. A builder loads 16 bags onto his bakkie. What is the total mass? Give your answer in kilograms. **(3)**

5.4 Ayanda runs 2 400 m every morning from Monday to Friday. How many metres does she run in a week? **(2)**

6 Comparing masses

3 marks

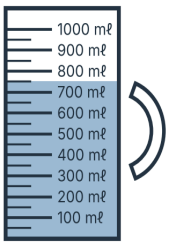
6.1 Which is heavier: a $2\frac{1}{2}$ kg bag of sugar or a 2 300 g bag of flour? **(1)**

6.2 Write these masses in order from LIGHTEST to HEAVIEST: $1\frac{3}{4}$ kg ; 1 500 g ; 1 kg 250 g **(2)**

7 Capacity and volume

6 marks

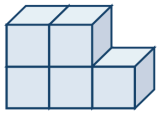
7.1 Look at the measuring jug below. **(2)**



a. How much liquid is in the jug? _____

b. How many more millilitres are needed to fill the jug to 1 litre? _____

7.2 The figure below is built from unit cubes. Find the volume. **(2)**



Volume = _____ cubic units

7.3 A tank holds 250 litres of water. It is full. A family uses 18 litres a day. For how many full days is there enough water? **(2)**

8 Mass and volume

4 marks

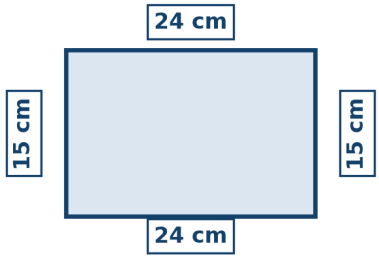
8.1 Tomatoes cost R16 per kilogram. How much do $3\frac{1}{2}$ kg of tomatoes cost? Show your working. **(2)**

8.2 A box is packed with cubes. The bottom layer has 5 rows of 3 cubes. There are 4 layers. How many cubes fill the box? Show your working. **(2)**

9 Perimeter and area

8 marks

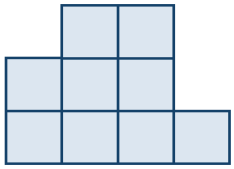
9.1 Calculate the perimeter of the rectangle below. **(3)**



Perimeter: _____

9.2 A square has sides of 7 cm. What is its perimeter? **(1)**

9.3 Find the area of the figure below by counting the squares. **(1)**



Area = _____ square units

9.4 A rectangular swimming pool is 12 m long and 7 m wide. A tiled border 1 m wide is laid all around it. What is the perimeter of the pool itself? **(3)**

10 Perimeter and area

6 marks

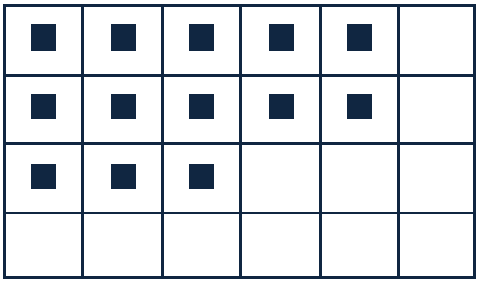
10.1 Answer a and b. **(4)**

a. A rectangle is 18 cm long and 9 cm wide. What is its perimeter? _____

_____

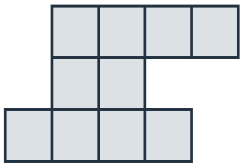
_____

b. Each square in the grid below is 1 square unit. The shape is made of the squares marked ■. Count the squares to find the area of the shape.



Area = _____ square units

10.2 Determine the area of the figure by counting the blocks. **(2)**



Area = _____ square units

11 Perimeter and area

4 marks

11.1 A rectangular vegetable garden is 8 m long and 5 m wide. It is divided into squares of 1 m by 1 m. **(4)**

a. What is the perimeter of the garden? _____

b. How many squares of 1 m by 1 m are there? What is the area of the garden?

_____

Total **65 marks**



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