Mathematics · Grade 4

Space, Measurement and Data Handling

Term 1–4 | 11 questions | CAPS-aligned

TOTAL 43 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	Matching column	5	
2	Time	4	
3	Data handling	5	
4	Conversion	4	
5	Perimeter	3	
6	Area	2	
7	Geometric pattern	4	
8	Volume	3	
9	2D shapes and symmetry	7	
10	Views and position	3	
11	Composite shapes	3	
	Total	**43**	
	Percentage		%

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1 Matching column

5 marks

1.1 Match each item in Column A with the correct item in Column B. Write only the letter. **(5)**

COLUMN A	COLUMN B	Letter
1. Geometric pattern	a) Analogue clock	
2. An object with 6 rectangular faces	b) Unit used to measure mass	
3. A clock with hands	c) The distance around a shape	
4. Kilogram	d) A pattern made only from shapes	
5. Perimeter	e) Rectangular prism	

2 Time

4 marks

2.1 Calculate how much time passes from 09:45 to 13:30. **(2)**

_____

_____

2.2 Look at the clock below and write down the time. **(2)**

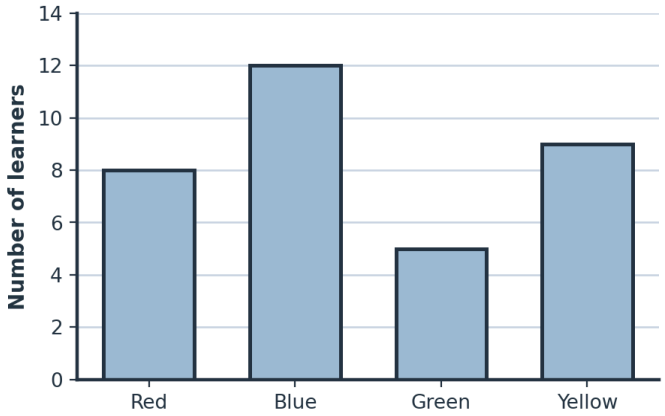


Time: _____

3 Data handling

5 marks

3.1 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.

_____

4 Conversion

4 marks

4.1 Convert: 2 m = _____ cm **(1)**

_____

4.2 Convert: 3 000 g = _____ kg **(1)**

_____

4.3 Convert: 1 ℓ = _____ mℓ **(1)**

_____

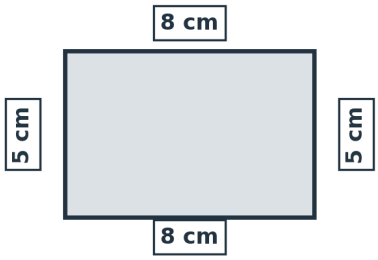
4.4 Convert: 4 km = _____ m **(1)**

_____

5 Perimeter

3 marks

5.1 Calculate the PERIMETER of the rectangle below by adding the sides. **(3)**

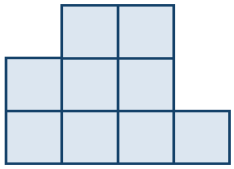


Perimeter = _____ cm

6 Area

2 marks

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



Area = _____ square units

7 Geometric pattern

4 marks

7.1 Draw the 4th figure of the pattern below in the open block. **(2)**



7.2 How many blocks will Term 5 have? Explain. **(2)**

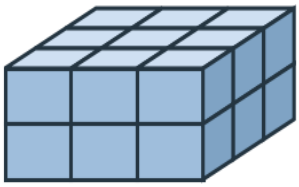
_____

_____

8 Volume

3 marks

8.1 The box below is packed full of cubes. a. How many cubes are in the top layer? b. How many layers are there? c. How many cubes fill the box? **(3)**



9 2D shapes and symmetry

7 marks

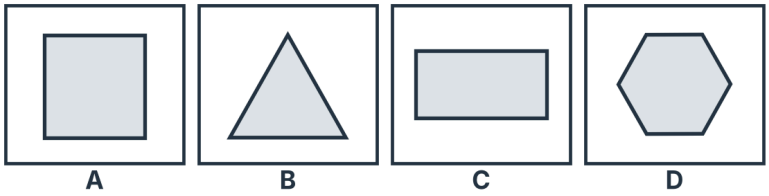
9.1 Name the shapes A to D below. **(4)**



A: _____ B: _____

C: _____ D: _____

9.2 How many lines of symmetry does each shape below have? **(3)**

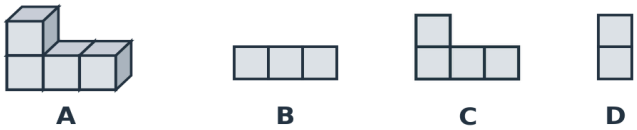


A: _____ B: _____ C: _____ D: _____

10 Views and position

3 marks

10.1 Study object A below. Which view is B, which is C and which is D? **(3)**

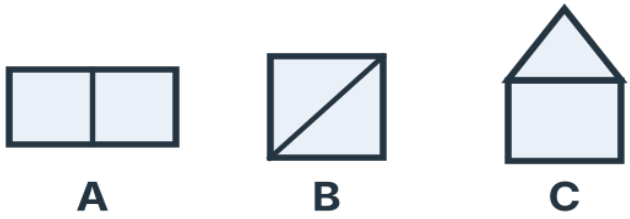


B: _____ C: _____ D: _____

11 Composite shapes

3 marks

11.1 Each shape below was built by putting smaller shapes together. Write which smaller shapes were used for A, B and C, and how many of each. **(3)**



A: _____ B: _____ C: _____

Total **43 marks**



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