MeerkatSkool

PAPER 1

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

Mathematics · Grade 6

Numbers, Operations and Patterns

Term 1–4 | 5 questions | CAPS-aligned

TOTAL 50 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	8	
2	Whole numbers	10	
3	Operations	14	
4	Fractions, decimals and percentages	10	
5	Patterns and number sentences	8	
	Total	50	
	Percentage		%

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Section A

1 Multiple choice

8 marks

Choose the correct answer and circle the letter next to it.

1.1 What is the place value of the 4 in 6 400 000? **(1)**

(a) Millions (b) Hundred thousands (c) Ten millions

1.2 Which one of the following is equal to 0,375? **(1)**

(a) $\frac{3}{4}$ (b) $\frac{3}{8}$ (c) $\frac{3}{5}$

1.3 What is 25% of 480? **(1)**

(a) 96 (b) 160 (c) 120

1.4 Which one of the following is a factor of 96? **(1)**

(a) 12 (b) 7 (c) 9

1.5 Which number is the smallest? **(1)**

(a) 0,7 (b) 0,07 (c) 0,17

1.6 The ratio 12 : 18 in its simplest form is: **(1)**

(a) 3 : 4 (b) 6 : 9 (c) 2 : 3

1.7 Which number comes next? 2 ; 6 ; 18 ; 54 ; _____ **(1)**

(a) 162 (b) 108 (c) 216

1.8 What is the lowest common multiple (LCM) of 6 and 8? **(1)**

(a) 14 (b) 24 (c) 48

Section B

Short questions

2 Whole numbers

10 marks

2.1 Write 4 062 815 in expanded notation. **(1)**

_____

2.2 Arrange the following numbers from largest to smallest. **(2)**

2 405 130; 2 450 013; 2 405 310; 2 450 103

_____

2.3 Round the number 254 386 723 as indicated. **(2)**

Round to the nearest	Answer
5	
1 000	

2.4 Write 0,625 as a common fraction in its simplest form. **(2)**

2.5 Write down all the prime numbers between 40 and 60. **(1)**

2.6 Water in a kettle is 18 °C. It is heated until it boils at 100 °C. By how many degrees did the temperature rise? Show your working. **(2)**

3 Operations

14 marks

3.1 Calculate the following using the vertical column method. **(2)**

	4	6	3	0	8	5
+	2	8	7	4	9	6

3.2 Calculate the following using the vertical column method. **(2)**

	7	0	2	4	1	3
−	3	5	8	6	7	9

3.3 Calculate 486 × 47 using long multiplication. Show all your working. **(3)**

		4	8	6
	×		4	7
+				

3.4 Calculate 8 892 ÷ 156 using long division. Show all your working. **(3)**

156 | 8 8 9 2

3.5 Calculate: 4,75 + 12,8 + 0,065 **(2)**

3.6 A shop gives 15% discount on a bicycle costing R2 400. How much do you pay? Show all your working. **(2)**

4 Fractions, decimals and percentages

10 marks

4.1 Use the fraction wall (Annexure A) and arrange from smallest to largest: $\frac{7}{12}$; $\frac{1}{3}$; $\frac{3}{4}$ **(1)**

4.2 Calculate: $2\frac{3}{4} + 1\frac{5}{8}$. Show your working. **(2)**

4.3 Calculate: $\frac{5}{6} - \frac{1}{2}$ **(2)**

4.4 Complete the table. **(2)**

Fraction	Decimal	Percentage
$\frac{1}{2}$		
	0,25	

4.5 A class has 40 learners. Three fifths of them travel to school by bus. How many learners travel by bus, and what percentage is that? Show your working. **(3)**

5 Patterns and number sentences

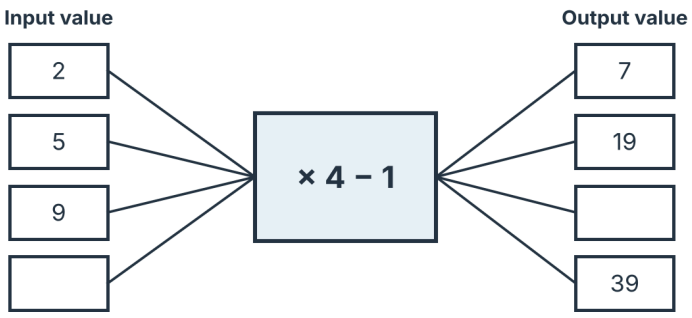
8 marks

5.1 Extend the following number pattern: 3 ; 7 ; 15 ; 31 ; _____ ; _____ **(2)**

What is the rule of the pattern?

5.2 Solve: 4 × _____ − 9 = 43. Show your working. **(2)**

5.3 Fill in the missing values in the flow diagram. **(2)**



5.4 Two friends share R840 in the ratio 3 : 4. How much does each get? **(2)**

Total **50 marks**

Annexure A

Fraction wall

Use this fraction wall for Question 4.

1											
$\frac{1}{2}$											$\frac{1}{2}$
$\frac{1}{3}$										$\frac{1}{3}$	$\frac{1}{3}$
$\frac{1}{4}$									$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{5}$								$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
$\frac{1}{6}$							$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{7}$						$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$	$\frac{1}{7}$
$\frac{1}{8}$					$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{9}$				$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{10}$			$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$	$\frac{1}{10}$
$\frac{1}{11}$		$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$	$\frac{1}{11}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$



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