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PRACTICE TEST

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

Mathematics · Grade 5

Numbers, Operations and Relationships

Term 1–4 | 24 questions | CAPS-aligned

TOTAL
182
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	Matching	4	
3	Whole numbers	10	
4	Expanded notation and even and odd numbers	4	
5	Rounding	3	
6	Multiples and factors	3	
7	Operations	14	
8	Addition and subtraction	2	
9	Multiplication and division	6	
10	Fractions: compare and calculate	9	
11	Fractions	3	
12	Common fractions	5	
13	Rate: rand per kilogram	4	

Question	Content of the question	Marks	Obtained
14	Money	10	
15	Comparing, number lines and estimating	9	
16	Fractions on a number line and sharing	6	
17	Large numbers	7	
18	Operations with large numbers	12	
19	Multiples and factors	9	
20	Fractions and mixed numbers	8	
21	Ratio, rate and problem solving	12	
22	More number work	12	
23	Numbers in everyday life	14	
24	Division with a remainder	8	
	Total	182	
	Percentage		%

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1 Multiple choice

8 marks

Choose the correct answer and circle its letter.

PRACTICE EXAMPLE · DO THIS ONE TOGETHER FIRST

What is 300 + 200?

a 400 b 500 c 600

300 + 200 = 500, so the answer is b. Circle the b.

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

1.1 In which place is the 3 in 538 104? **(1)**

(a) Ten thousands (b) Thousands (c) Hundred thousands

1.2 629 481 rounded to the nearest 1 000 is: **(1)**

(a) 629 000 (b) 630 000 (c) 629 500

1.3 Which fraction is equal to $\frac{70}{100}$? **(1)**

(a) $\frac{7}{10}$ (b) $\frac{7}{100}$ (c) $\frac{1}{7}$

1.4 3 482 rounded off to the nearest 5 is: **(1)**

(a) 3 480 (b) 3 485 (c) 3 490

1.5 Which number is a factor of BOTH 12 and 18? **(1)**

(a) 6 (b) 4 (c) 9

1.6 Use the distributive property: $6 \times 34 = (6 \times 30) + (6 \times ?)$ **(1)**

(a) 3 (b) 4 (c) 34

1.7 What is $\frac{3}{4}$ of 200? **(1)**

(a) 50 (b) 75 (c) 150

1.8 Which number is an ODD number? **(1)**

(a) 4 506 (b) 3 718 (c) 2 469

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 answer to an addition	A. Odd number	1 = _____
2. The answer to a division	B. Product	2 = _____
3. The answer to a multiplication	C. Even number	3 = _____
4. A number that divides exactly by 2	D. Quotient	4 = _____
	E. Sum	

3 Whole numbers

10 marks

3.1 Write 640 305 in expanded notation. **(1)**

3.2 Write the number in words: 85 019 **(1)**

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

293 851; 293 158; 239 851; 293 815

3.4 Round the number 73 268 as indicated. **(3)**

Round to the nearest	Answer
5	
100	
1 000	

3.5 Write down all the multiples of 15 between 40 and 100. **(1)**

3.6 Calculate: $2\frac{3}{4} + 1\frac{3}{4}$ **(2)**

4 Expanded notation and even and odd numbers — 4 marks

4.1 Write 90 482 in expanded notation. **(2)**

4.2 Write the following numbers under EVEN or ODD: 1 357 ; 2 468 **(2)**

5 Rounding — 3 marks

5.1 Round 562 749 off to the nearest 5. **(1)**

5.2 Round 562 749 off to the nearest 100. **(1)**

5.3 Round 562 749 off to the nearest 1 000. **(1)**

6 Multiples and factors — 3 marks

6.1 Write down all the factors of 30. **(2)**

6.2 Write down the first three multiples of 14. **(1)**

7 Operations

14 marks

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

	4	5	7	8	6
+	2	8	4	6	9

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

	8	0	2	0	5
−	3	6	4	7	8

7.3 Calculate 358 × 46 using long multiplication. Show all your working. **(4)**

		3	5	8
	×		4	6
+				

7.4 Calculate 936 ÷ 24 using long division. Show all your working. **(4)**

$$24 \overline{)\,9\;3\;6}$$

7.5 A shop packs 4 728 sweets into packets of 8. How many packets are there? Show all your working. **(2)**

8 Addition and subtraction

2 marks

8.1 Calculate: 46 958 + 37 286 **(1)**

8.2 Calculate: 70 013 − 29 548 **(1)**

9 Multiplication and division

6 marks

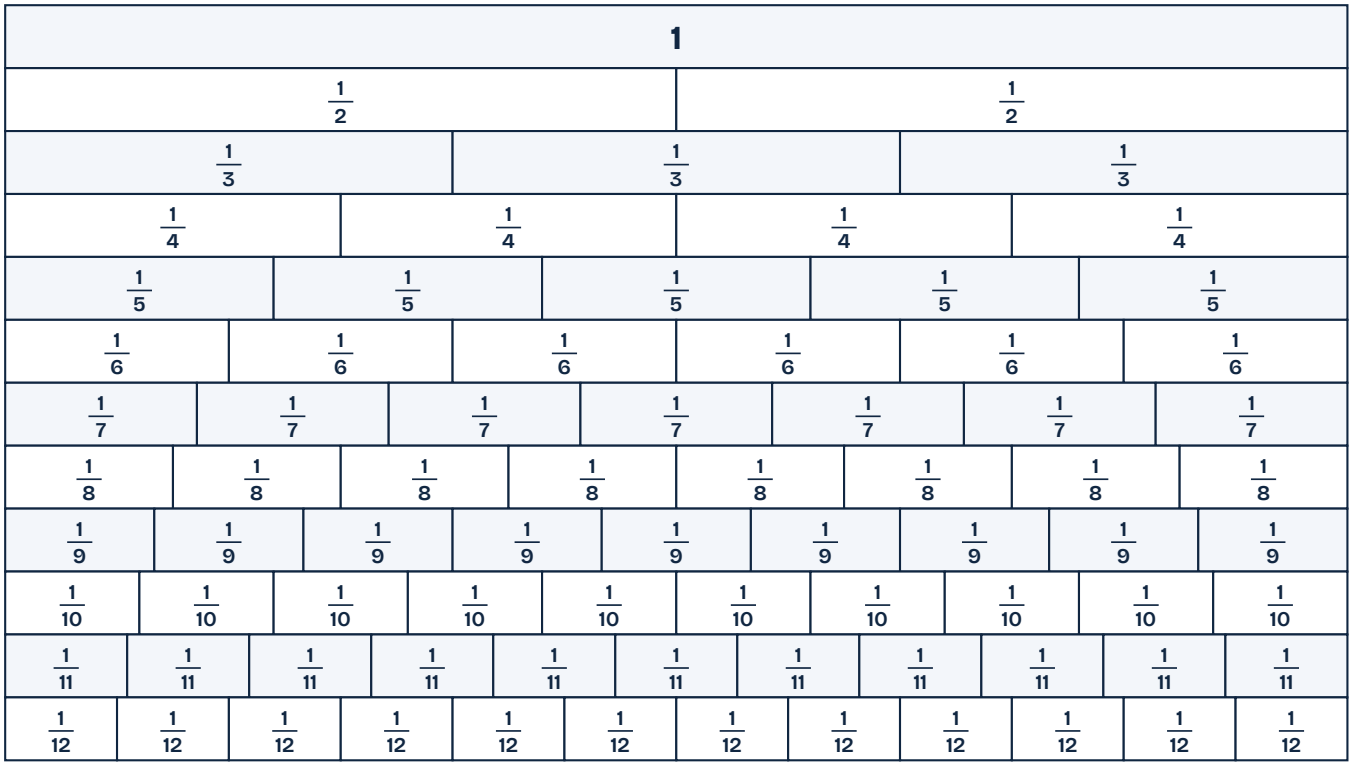
9.1 Calculate 325 × 24. Show your working. **(3)**

9.2 Calculate 852 ÷ 4. Show your working. **(3)**

10 Fractions: compare and calculate

9 marks

10.1 Use the fraction wall below and arrange from smallest to largest: $\frac{5}{8}$; $\frac{2}{5}$; $\frac{2}{3}$ **(1)**



10.2 Calculate: $\frac{5}{12} + \frac{9}{12}$ **(2)**

10.3 Calculate: $\frac{7}{10} - \frac{4}{10}$ **(2)**

10.4 A soccer team plays 24 matches and wins three quarters of them. How many matches did they win? Show all your working. **(2)**

10.5 A rope 3 m long is cut into 4 equal pieces. How long is each piece? Write your answer as a fraction of a metre. **(2)**

11 Fractions

3 marks

11.1 Calculate: $\frac{2}{5} + \frac{1}{5}$ **(1)**

11.2 Write a fraction equal to $\frac{1}{3}$ with 9 as the denominator. **(1)**

11.3 What is $\frac{1}{6}$ of 42? **(1)**

12 Common fractions

5 marks

12.1 Calculate: $3\frac{5}{6} - 1\frac{1}{6}$ **(2)**

12.2 Count backwards in thirds. Write the next TWO numbers: $3\,;\, 2\frac{2}{3}\,;\, 2\frac{1}{3}\,;$ _____ ; _____ **(2)**

12.3 Which fraction is bigger: $\frac{1}{3}$ or $\frac{1}{5}$? **(1)**

13 Rate: rand per kilogram

4 marks

13.1 Bananas cost R18 per kilogram. Mrs Pillay buys 6 kg of bananas and pays with a R200 note. a. How much do the bananas cost? b. How much change does she get? Show your working. **(4)**

14 Money

10 marks

14.1 Study the shopping list and answer the questions. **(3)**

Item	Price
Running shoes	R465
Socks (3 pairs)	R79
Cap	R128

a. What do the three items cost altogether? _____

b. You pay with R700. How much change do you get? _____

c. Which item is the most expensive? _____

14.2 Sipho saves R45 a week. How much does he have after 14 weeks? **(2)**

14.3 After 14 weeks Sipho wants to buy a bicycle that costs R680. Does he have enough money? How much will he have left, or how much will he still need? **(3)**

14.4 At the tuck shop 7 learners each buy a juice and a pie. Calculate the total. **(2)**

The tuck shop prices:

Item	Price
Juice	R13
Pie	R22

15 Comparing, number lines and estimating

9 marks

15.1 Write <, > or = on each line. **(2)**

a. 45 320 _____ 45 302 b. 8 904 _____ 9 048

15.2 Write the missing numbers on the number line. **(2)**

0 — 250 — _____ — 750 — _____

15.3 Count on in 25s from 48 203. Write the next THREE numbers. **(2)**

_____

_____

15.4 Mr Fourie drives 3 458 km in July and 2 765 km in August. **(3)**

a. First ESTIMATE the total by rounding to the nearest 100: _____

b. Now calculate the exact total: _____

16 Fractions on a number line and sharing

6 marks

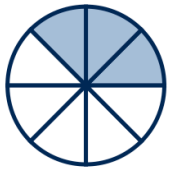
16.1 Write the missing fractions on the number line. **(2)**

0 — _____ — _____ — 1 (the line is divided into THIRDS)

16.2 What fraction of each shape is shaded? **(2)**



A



B

A: _____ B: _____

16.3 Three chocolate bars are shared equally among five children. What fraction of a bar does each child get? **(2)**

_____

_____

17 Large numbers

7 marks

17.1 Count on in 250s. Write the next THREE numbers. **(2)**

63 500 — _____ — _____ — _____

17.2 Write 507 318 in expanded notation. **(2)**

_____

_____

17.3 Round off 507 318. **(3)**

a. nearest 10: _____ b. nearest 100: _____ c. nearest 1 000: _____

18 Operations with large numbers

12 marks

18.1 Calculate 57 489 + 36 754. **(3)**

18.2 Calculate 57 489 − 36 754, and check by adding. **(3)**

18.3 Calculate 427 × 35. **(3)**

18.4 Calculate 988 ÷ 26. **(3)**

19 Multiples and factors

9 marks

19.1 Write all the factors of 40. **(2)**

19.2 Write down all the common factors of 40 and 60. **(2)**

19.3 Write down the first five multiples of 12. **(2)**

19.4 Write down ALL the factors of 91. Show how you found them. **(3)**

20 Fractions and mixed numbers

8 marks

20.1 Calculate: $4\frac{1}{5} - 1\frac{3}{5}$ **(2)**

20.2 Calculate: $1\frac{2}{5} + 2\frac{1}{5}$ **(2)**

20.3 Calculate: $\frac{2}{5}$ of 45 **(2)**

20.4 Arrange from SMALLEST to LARGEST: $\frac{1}{2} \cdot \frac{3}{8} \cdot \frac{3}{4} \cdot \frac{5}{8}$ **(2)**

21 Ratio, rate and problem solving

12 marks

21.1 A train travels 420 km in 5 hours. How far does it travel in one hour? **(2)**

21.2 Cement and sand are mixed in the ratio 2 : 7. How many bags of each are there in 63 bags? **(3)**

21.3 126 pencils are shared equally among 9 classes. How many does each class get? **(2)**

21.4 Thandi saves R175 a month for 8 months. She wants to buy a bicycle costing R1 600. **(3)**

a. How much has she saved? _____

b. How much more does she need? _____

21.5 Write a number sentence for the problem and solve it: A farmer has 1 250 sheep. He sells 385. How many are left? **(2)**

22 More number work

12 marks

22.1 Write the numbers from LARGEST to SMALLEST: 408 912 · 480 219 · 408 219 · 480 912 **(3)**

22.2 Calculate: a. 9 × 7 000 b. 4 800 ÷ 8 c. 60 × 40 **(3)**

22.3 A factory packs 864 eggs into dozens (12 each). How many dozens is that? Show your working. **(3)**

22.4 Write the missing number: **(3)**

a. ☐ + 3 500 = 6 000 b. ☐ × 25 = 1 200 c. 4 900 ÷ ☐ = 7

23 Numbers in everyday life

14 marks

23.1 A stadium has 48 500 seats. At a match 36 875 seats are full. **(4)**

a. How many seats are empty? _____

b. Round the number of spectators to the nearest 1 000: _____

23.2 Calculate: a. 7 × 6 000 b. 56 000 ÷ 8 c. 400 × 70 **(3)**

23.3 A farm harvests 945 kg of potatoes and packs them into 15 kg bags. How many bags is that? **(3)**

23.4 Write the missing number: **(4)**

a. ☐ + 5 250 = 10 000 b. 20 000 − ☐ = 7 600

c. ☐ × 12 = 132 d. 7 500 ÷ ☐ = 30

24 Division with a remainder

8 marks

24.1 Calculate 857 ÷ 24. Write down the remainder as well. **(3)**

24.2 Calculate 774 ÷ 18. Does it divide exactly? **(2)**

24.3 A school packs 500 pencils into boxes of 24. How many boxes are filled, and how many pencils are left over? **(3)**

Total **182 marks**



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