

SMARTWIZ

GRADE 4 MATHEMATICS EXAM

MARKS: 50

MARKS	
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TIME: 1 hour

SCHOOL _____

CLASS (e.g. 4A) _____

SURNAME _____

NAME _____

MYST PATHWORKS

Instructions for Students:

- > Read all instructions carefully before beginning the exam.
- > Write your name and student ID clearly on the answer sheet/booklet.
- > Answer all questions unless otherwise stated.
- > Show all your work/calculations where applicable.
- > Write clearly and legibly.
- > Use blue or black ink only. * Do not use correction fluid/tape.
- > No electronic devices (calculators, phones, etc.) are allowed unless explicitly permitted.
- > Raise your hand if you have any questions.
- > Do not talk to other students during the exam.
- > Any form of cheating will result in disqualification.

This test consists of 6 pages, excluding the cover pa

Question 1: Word Problem (3 marks)

Amy has 125 stickers. She gives 48 to her friend and buys 37 more. How many stickers does she have now?

Answer:

$$125 - 48 = 77$$

$$77 + 37 = 114 \text{ stickers}$$

Question 2: Number and Place Value (2 marks)

What is the value of the underlined digit in 643? _____

Answer: 40

Write 643 in expanded form: _____

Answer: $600 + 40 + 3$

Question 3: Multiplication and Division (3 marks)

a) $6 \times 4 =$ _____

Answer: 24

b) $42 \div 7 =$ _____

Answer: 6

c) $9 \times \underline{\quad} = 81$

Answer: 9

d) $21 \div 1 =$ _____

Answer : 21

Question 4: Time (2 marks)

The clock shows the hour hand between 7 and 8, and the minute hand on 6. What time is it?

Answer: 7:30

How many minutes are there in half an hour?

Answer: 30 minutes

Question 5: Money (3 marks)

You have:

1 × R20 note

2 × R5 coins

4 × R2 coins

How much money do you have?

Answer: R20 + R10 + R8 = R38

Question 6: Shapes (4 marks)

a) Name a shape with 4 equal sides: _____

Answer: Square

b) How many sides does a hexagon have? _____

Answer: 6

c) What 3D shape has a point and a circular base? _____

Answer: Cone

d) Which shape has no straight lines? _____

Answer: Circle

Question 7: Measurement (3 marks)

a) Which is heavier: 1 kg of sugar or 500 g of rice?

Answer: 1 kg of sugar

b) Estimate the height of a chair with your ruler :



c) How many grams in 2 kilograms? _____

Answer: 2000 g

Question 8: Rounding Off (3 marks)

a) Round 267 to the nearest 10: _____

Answer: 270

b) Round 267 to the nearest 100: _____

Answer: 300

c) Round 142 to the nearest 10: _____

Answer: 140

Question 9: Data Handling (4 marks)

Look at the table:

Fruit	Sold
Apples	18
Oranges	12
Bananas	25
Grapes	10

a) Which fruit sold the most?

Answer: Bananas

b) How many fruits were sold altogether?

Answer: $18 + 12 + 25 + 10 = 65$

c) How many more bananas than grapes?

Answer: $25 - 10 = 15$

d) True or False: Apples sold more than oranges.

Answer: True

Question 10: Problem Solving with Fractions (3 marks)

There are 20 sweets. Ben eats $\frac{1}{2}$ of them.

a) How many sweets did Ben eat? _____

Answer: 10

c) If he shares the remaining sweets with a friend, how many do they each get?

Answer: $10 \div 2 = 5$ sweets each

Question 11: Mixed Operations (5 marks)

a) $354 + 128 =$ _____

Answer: 482

b) $600 - 276 =$ _____

Answer: 324

c) $7 \times 6 =$ _____

d) $35 \div 5 =$ _____

Answer: 42

Answer: 7

e) What number must be added to 213 to get 300?

Answer: 87

Question 12: Estimation and Length (2 marks)

Estimate: A desk is about:

- a) 1 metre
- b) 5 metres
- c) 10 metres

Answer: a) 1 metre

TOTAL: 60 MARKS