

SMARTWIZ

GRADE 4 MATHEMATICS EXAM

MARKS: 50

MARKS

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 pag

SECTION A: Number Operations (15 marks)

1. Complete the following: ($6 \times 1 = 6$ marks)

a) $324 + 478 =$ _____

Answer: 802

b) $956 - 429 =$ _____

Answer: 527

c) $7 \times 8 =$ _____

Answer: 56

d) $81 \div 9 =$ _____

Answer: 9

e) $400 + 60 + 8 =$ _____

Answer: 468

f) Double of 37 = _____

Answer: 74

2. Place Value: ($3 \times 1 = 3$ marks)

What is the value of the underlined digit?

a) $7\underline{5}9 = \underline{\hspace{2cm}}$

Answer: 50

b) $3\underline{2}4 = \underline{\hspace{2cm}}$

Answer: 20

c) $9\underline{0}3 = \underline{\hspace{2cm}}$

Answer: 0

d) $\underline{5}73 = \underline{\hspace{2cm}}$

Answer : 500

3. Fill in the missing number: ($3 \times 1 = 3$ marks)

a) $\underline{\hspace{1cm}} + 289 = 512$

Answer: 223

b) $936 - \underline{\hspace{1cm}} = 458$

Answer: 478

c) $9 \times \underline{\hspace{1cm}} = 63$

Answer: 7

d) $25 \div \underline{\hspace{1cm}} = 5$

Answer : 5

4. Round off the number to the nearest 10 and 100: (3 marks)

a) 346 to the nearest 10 = $\underline{\hspace{2cm}}$

Answer: 350

b) 346 to the nearest 100 = _____

Answer: 300

SECTION B: Word Problems (12 marks)

Solve and show your working. (4 × 3 marks)

1. James had 425 stickers. He gave 158 stickers to his sister. How many stickers does he have left?

Answer: $425 - 158 = 267$ stickers

2. A toy costs R75. How much will 6 toys cost?

Answer: $75 \times 6 = R450$

3. There are 96 cookies to be packed into packets of 8. How many packets will there be?

Answer: $96 \div 8 = 12$ packets

4. Lisa has R20. She buys a pen for R8.50 and an eraser for R3.75. How much change does she get?

Answer: $R8.50 + R3.75 = R12.25 \rightarrow R20 - R12.25 = R7.75$

SECTION C: Time and Money (9 marks)

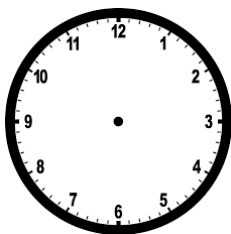
1. Write the time shown:

a)



Answer: 4:00 (1 mark)

2. Draw hands to show 2:30 on the clock: (1 mark)



3. How many minutes in 3 hours? (1 mark)

Answer: $3 \times 60 = 180$ minutes

4.) $R10 + R5 + R2.50 =$ _____

Answer: R17.50

5. How many 50c coins make up R5? (1 mark)

Answer: 10 coins

6. Circle the notes you need to make R120: (2 marks)



Answer: R100 and R20

SECTION D: Fractions and Shapes (12 marks)

1. Fill in the fraction: (4×1 mark)

a) Half of 20 = _____

Answer: 10

b) $\frac{1}{4}$ of 16 = _____

Answer: 4

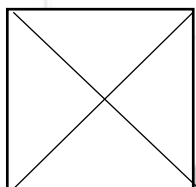
c) $\frac{3}{5}$ of 20 = _____

Answer: 12

d) Double 15 = _____

Answer : 30

2. Colour $\frac{3}{4}$ of this shape: (1 mark)



3. Identify the shape: (4×1 mark)

a) A shape with 4 equal sides and 4 corners = _____

Answer: Square

b) A shape with 3 sides = _____

Answer: Triangle

c) A shape that rolls and has no corners = _____

Answer: Sphere

d) A shape with 6 faces, 12 edges, and 8 corners = _____

Answer: Cube

4. How many sides does a hexagon have? (1 mark)

Answer: 6

SECTION E: Measurement and Data (12 marks)

1. Which is heavier? (Tick one) (1 mark)

a) Apple 🍏 or a watermelon 🍉

Answer: Watermelon

2. Estimate and measure: (2 marks)

Measure this pencil in cm with your ruler :



3. Convert: (3 marks)

a) 1 metre = ____ cm

Answer: 100 cm

b) 500 ml = ____ litres

Answer: 0.5 litres

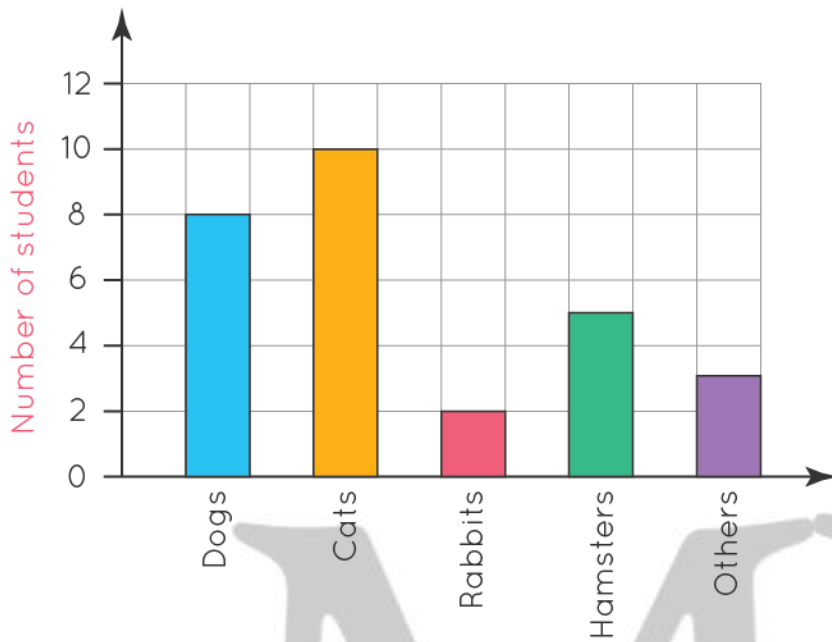
c) 2 kg = ____ g

Answer: 2000 g

d) 20mm = ____ m

Answer : 0.02m

4. Look at the bar graph and answer (6 marks)



a) Which pet is the most popular?

Answer: Cats

b) How many more cats than dogs?

Answer: $10 - 8 = 2$

c) How many pets altogether?

Answer: $8 + 10 + 2 + 5 + 3 = 28$

TOTAL: 60 MARKS