RULANG PRIMARY SCHOOL

Established since 1930

Mission: Fostering a culture of care, excellence and innovation to develop empathetic, resilient and creative citizens who will contribute to a better tomorrow.

Vision: Scholars of Tomorrow

Name : _____ ( )

Level : Primary 5

Class : Primary 5 ____

Date : 8 May 2025

MINI-TEST 2
2025
MATHEMATICS

PAPER 1

10

TOTAL TIME FOR PAPER 1: 15 minutes
6 questions
10 marks

- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
- **READ ALL THE INSTRUCTIONS CAREFULLY.**
- **ANSWER ALL THE QUESTIONS.**
- **THE USE OF CALCULATORS IS NOT ALLOWED.**

This booklet has 4 printed pages including the cover page.

Questions 1 and 2 carry 1 mark each. Question 3 carries 2 marks. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

(4 marks)

1. $\frac{3}{5} \times \frac{2}{7} =$?

What is the missing number in the box above?

(1) $\frac{31}{35}$

(2) $\frac{6}{7}$

(3) $\frac{5}{12}$

(4) $\frac{6}{35}$

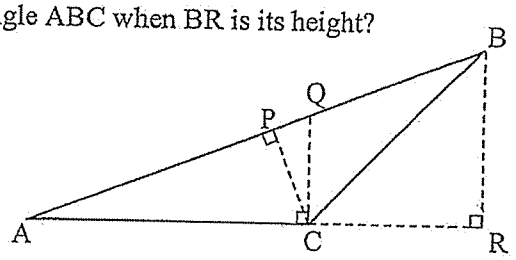
2. Which of the lines below is the base of triangle ABC when BR is its height?

(1) AB

(2) AC

(3) AQ

(4) AR



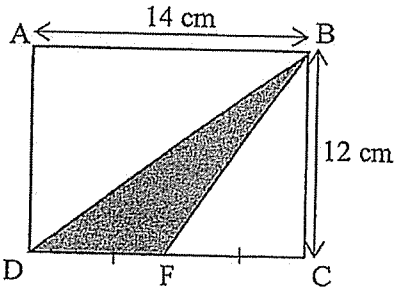
3. In the figure below, ABCD is a rectangle. DF = FC. Find the area of triangle DBF.

(1) 42 cm^2

(2) 52 cm^2

(3) 84 cm^2

(4) 168 cm^2



Questions 4 to 6 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. **(6 marks)**

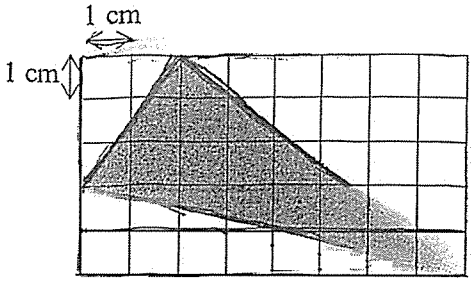
4. Find the product of $\frac{5}{9}$ and 7. Give your answer as a mixed number.

Ans: _____

5. James had 54 sweets. He gave $\frac{4}{9}$ of them to Kate. How many sweets did he have left?

Ans: _____

6. Find the area of the shaded triangle.



Ans: _____ cm^2

End of Paper 1

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Total Marks
Papers 1 & 2

20

Name : _____ ( )

Level : Primary 5

Class : Primary 5 ____

Date : 8 May 2025

MINI-TEST 2
2025
MATHEMATICS

PAPER 2

10

TOTAL TIME FOR PAPER 2: 20 minutes
3 questions
10 marks

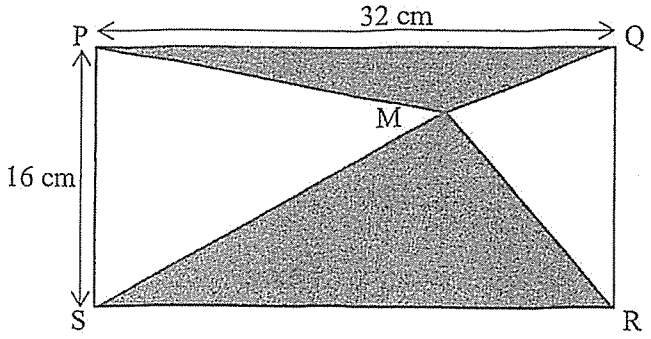
- **DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**
- **READ ALL THE INSTRUCTIONS CAREFULLY.**
- **ANSWER ALL THE QUESTIONS.**
- **THE USE OF AN APPROVED CALCULATOR IS ALLOWED.**

This booklet has 4 printed pages including the cover page.

For questions 1 to 3, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.

(10 marks)

1. In the figure below, PQRS is a rectangle. The two shaded triangles meet at point M.



[2 marks]

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
The area of triangle SMR is smaller than the area of triangle PMQ.			
The total area of the two unshaded triangle is greater than 256 cm^2.			
The total area of the two shaded triangles is 256 cm^2.			

2. Siti puts 15 plastic bottles into a recycling box every day. Daisy puts 4 plastic bottles into the same recycling box every 8 days.

(a) How many bottles will Siti put into the recycling box after 47 days?

Ans: (a) _____ [1]

(b) How many bottles will Siti and Daisy put into the recycling box altogether after 47 days?

Ans: (b) _____ [3]

3. Mrs Tan baked some cookies for a charity event. 144 of them were vanilla cookies and $\frac{5}{8}$ of the remaining cookies were blueberry cookies. The rest were chocolate cookies. $\frac{1}{4}$ of the cookies she baked were chocolate cookies. How many cookies did she bake altogether?

Adam's solution:

$1-\frac{5}{8}-\frac{1}{4}=1-\frac{5}{8}-\frac{2}{8}$

$=\frac{1}{8}$

$\frac{1}{8}$ of the total → 144

$\frac{8}{8}$ of the total → 144×8

$= 1152$

She baked 1152 cookies altogether

There is something wrong with Adam's solution.

(a) Show how you would find the answer to the problem.

Ans: _____ [3]

(b) Explain the mistake in Adam's solution. [1 mark]

_____

_____

_____

_____

End-of-Paper

SCHOOL : RULANG PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2025 WEIGHTED ASSESSMENT 2

Paper 1

Q1)	4
Q2)	2
Q3)	1
Q4)	$3\frac{8}{9}$
Q5)	54 ÷ 9 = 6 6 × 4 = 24 54 − 24 = 30
Q6)	8 × 5 = 40 $\frac{1}{2} \times 6 \times 5 = 15$ $\frac{1}{2} \times 2 \times 3 = 3$ $\frac{1}{2} \times 8 \times 2 = 8$ 40 − 8 − 3 − 15 = 14 cm^2

Paper 2

Q1)	False False True
Q2)	a) 15 × 47 = 705 b) 4 × 5 = 20 705 + 20 = 725
Q3)	a) 144 ÷ 4 = 36 36 × 8 = 288 144 + 288 = 432 Mrs Tan baked 432 cookies altogether. b) Adam subtracted $\frac{5}{8}$ and $\frac{1}{4}$ from 1 whole to find the fraction for vanilla cookies instead of finding the actual fraction of the blueberry cookies. The fraction of blueberry cookies is not $\frac{5}{8}$ of the total number of cookies but of the remainder.