MARIS STELLA HIGH SCHOOL (PRIMARY)

END-OF-YEAR EXAMINATION

30 OCTOBER 2025

PRIMARY 4 MATHEMATICS

BOOKLET A

Name: _____ ( )

Class: Primary 4 ( )

Additional Materials: Optical Answer Sheet (OAS)

Total Time for booklets A and B: 1 hour and 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and index number on the cover page of this Question Booklet.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use a 2B pencil to shade your answers on the Optical Answer Sheet (OAS).

This booklet consists of **9** printed pages and **1** blank page.

Section A (20 x 2 = 40 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. The value of the digit 9 in 39 264 is _____.

   (1) 90
   (2) 900
   (3) 9000
   (4) 90 000

2. Which number is 10 more than 7283?

   (1) 7284
   (2) 7293
   (3) 7383
   (4) 8283

3. Which of the following are common factors of 12 and 16?

   (1) 1 and 3
   (2) 2 and 4
   (3) 3 and 6
   (4) 4 and 8

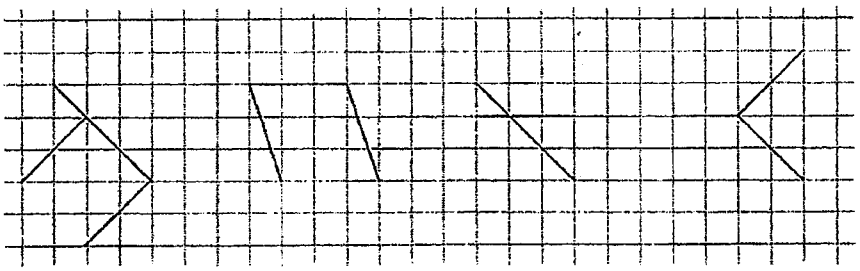
4. Which fraction is in its simplest form?

   (1) $\frac{9}{12}$
   (2) $\frac{8}{10}$
   (3) $\frac{2}{5}$
   (4) $\frac{5}{15}$

5. Which decimal is the smallest?

(1) 1.06
(2) 1.15
(3) 1.042
(4) 1.307

6. Which figure in the square grid has both parallel lines and perpendicular lines?

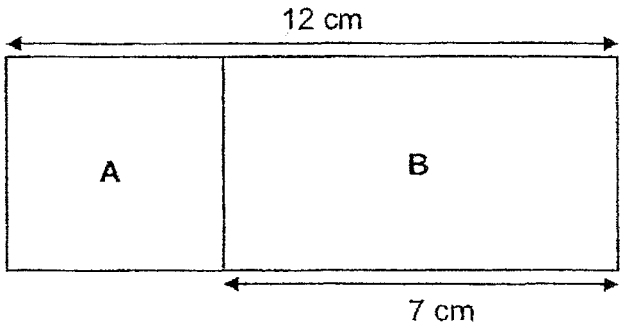


(1) (2) (3) (4)

7. Which number is 3.6 more than 5.28?

(1) 1.68
(2) 2.48
(3) 8.34
(4) 8.88

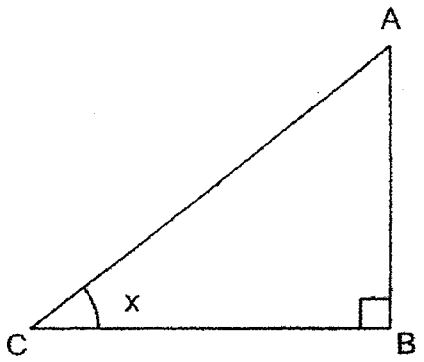
8. The figure below shows square A and rectangle B.



What is the perimeter of square A?

(1) 20 cm
(2) 25 cm
(3) 28 cm
(4) 49 cm

9. In the figure below, ABC is a triangle.



Which of the following is most likely the size of $\angle x$?

(1) 40°
(2) 90°
(3) 130°
(4) 180°

10. Taufik attended a music class from 13 45 to 16 20.
How long was his music class?

(1) 2 h 25 min

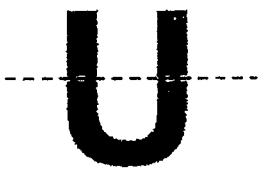
(2) 2 h 35 min

(3) 3 h 25 min

(4) 3 h 45 min

11. Which dotted line is a line of symmetry?

(1)

(2) 

(3)

(4)

12. Which of the following is closest to 1?

(1) $\frac{5}{6}$

(2) $\frac{7}{8}$

(3) $\frac{9}{10}$

(4) $\frac{11}{12}$

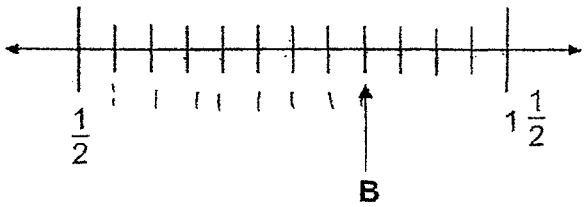
13. What value is represented by B in the number line shown?

(1) $\frac{2}{3}$

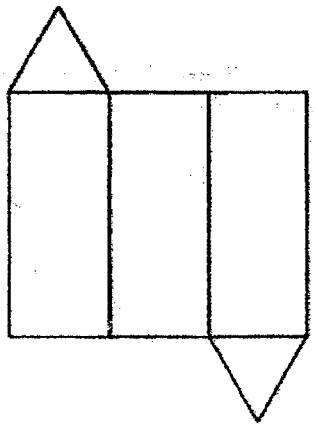
(2) $\frac{3}{4}$

(3) $1\frac{1}{3}$

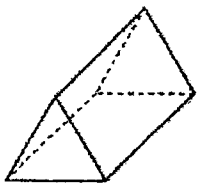
(4) $1\frac{1}{6}$



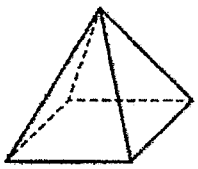
14. The figure below shows the net of a solid. Which solid figure can be formed from this net?



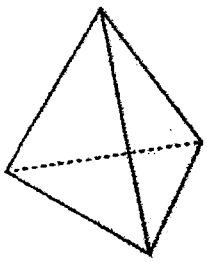
(1)



(2)



(3)



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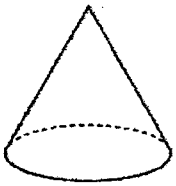
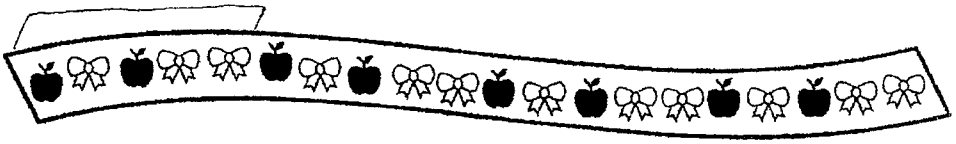


15. Mrs Tan cuts a piece of ribbon from a roll of ribbon as shown below.



The roll of ribbon has apples ( ) and bows ( ) printed in a repeated pattern. There are a total of 345 apples and bows on the roll of ribbon. How many bows are there on the roll of ribbon?

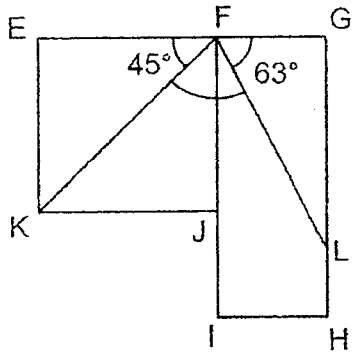
(1) 69

(2) 115

(3) 138

(4) 207

16. The figure below is not drawn to scale. It is made up of a rectangle FGHI and a square EFJK. Find $\angle KFL$.



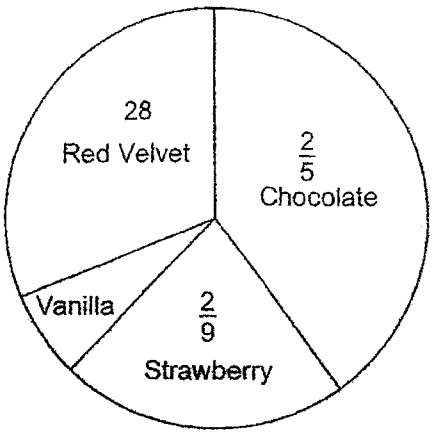
(1) 27°

(2) 72°

(3) 90°

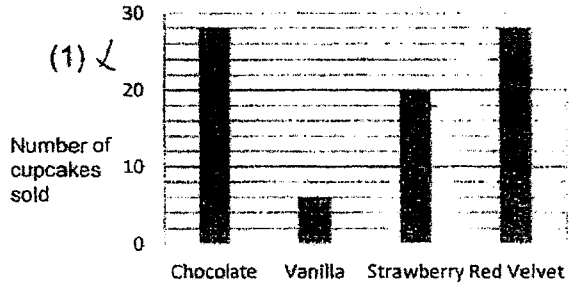
(4) 117°

The pie chart shows the types of cupcakes sold at a bakery. A total of 90 cupcakes were sold. Study the pie chart carefully and answer Questions **17** and **18**.

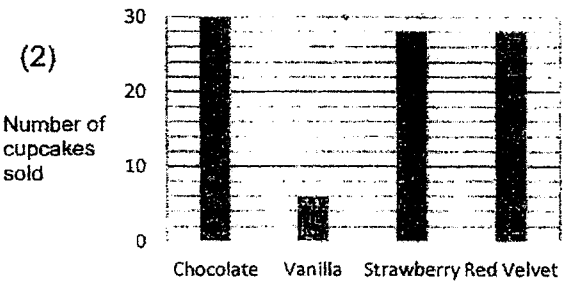


17. Which bar graph best represents the pie chart?

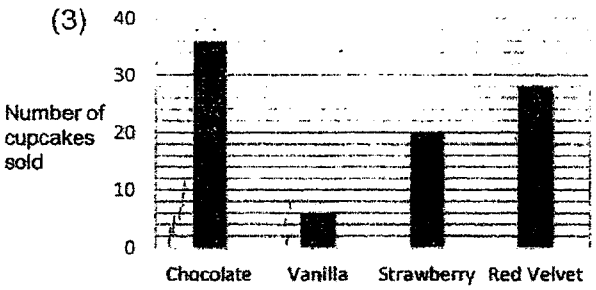
(1)



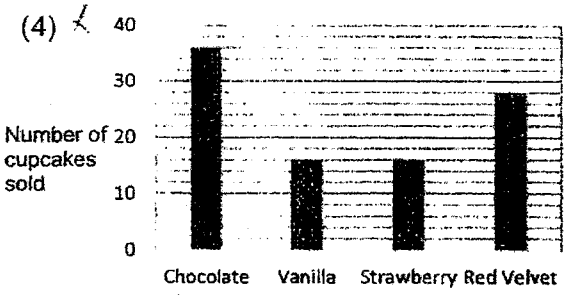
(2)



(3)



(4)



18. What fraction of the cupcakes sold were vanilla?

(1) $\frac{1}{90}$

(2) $\frac{6}{90}$

(3) $\frac{3}{90}$

(4) $\frac{4}{90}$

19. Tom and Jerry had a total of 96 stickers. Tom gave 12 stickers to Jerry and they each had the same number of stickers in the end. How many stickers did Tom have at first?

(1) 36
(2) 42
(3) 48
(4) 60

20. There are 180 apples in a crate. $\frac{2}{5}$ of the apples are rotten. The rest are packed equally into 3 bags. How many apples are packed into each bag?

(1) 24
(2) 36
(3) 60
(4) 72

End of Booklet A

Go on to Booklet B

MARIS STELLA HIGH SCHOOL (PRIMARY)

END-OF-YEAR EXAMINATION

30 OCTOBER 2025

PRIMARY 4 MATHEMATICS

BOOKLET B

Name: _____ ( )

Class: Primary 4 ( )

Total Time for booklets A and B: 1 hour and 45 min

Booklet A	/ 40
Booklet B	/ 60
Total Marks	/ 100

Parent's Signature: _____

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and index number on the cover page of this Answer Booklet.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

This booklet consists of **15** printed pages and **1** blank page.

Section B (20 x 2 = 40 marks)

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

21. Round off 8737 to the nearest ten.

Answer: _____

Do not write in this space.

22. Which two of the fractions below are smaller than $\frac{1}{2}$?

$\frac{3}{5}$, $\frac{2}{9}$, $\frac{3}{8}$, $\frac{7}{12}$

Answer: _____ and _____

23. Write $\frac{15}{4}$ as a mixed number.

Answer: _____

SCORE

(Go on to the next page)

24. Find the value of $1 - \frac{1}{8} - \frac{1}{4}$.

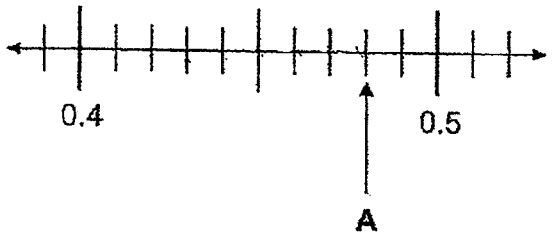
Do not write in this space.

Answer: _____

25. Write 4 hundredths as a decimal.

Answer: _____

26. Write the decimal represented by A.



Answer: _____

SCORE

(Go on to the next page)

27. Find the value of 4.97 x 8.

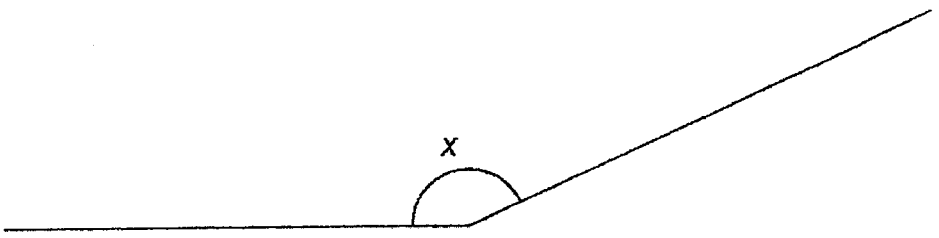
Do not write in this space.

Answer: _____

28. Express 0.6 as a fraction.

Answer: _____

29. Measure and write down the size of ∠x.



Answer: _____ °

SCORE

(Go on to the next page)

Do not write in this space.

30. Kumar read for 109 minutes in the morning and 84 minutes in the evening. How many hours and minutes did he spend reading altogether?

Answer: _____ h _____ min

31. What is the quotient when 2439 is divided by 6?

Answer: _____

SCORE

(Go on to the next page)

Do not write in this space.

32. The table below shows the cost of items sold at a bookshop.

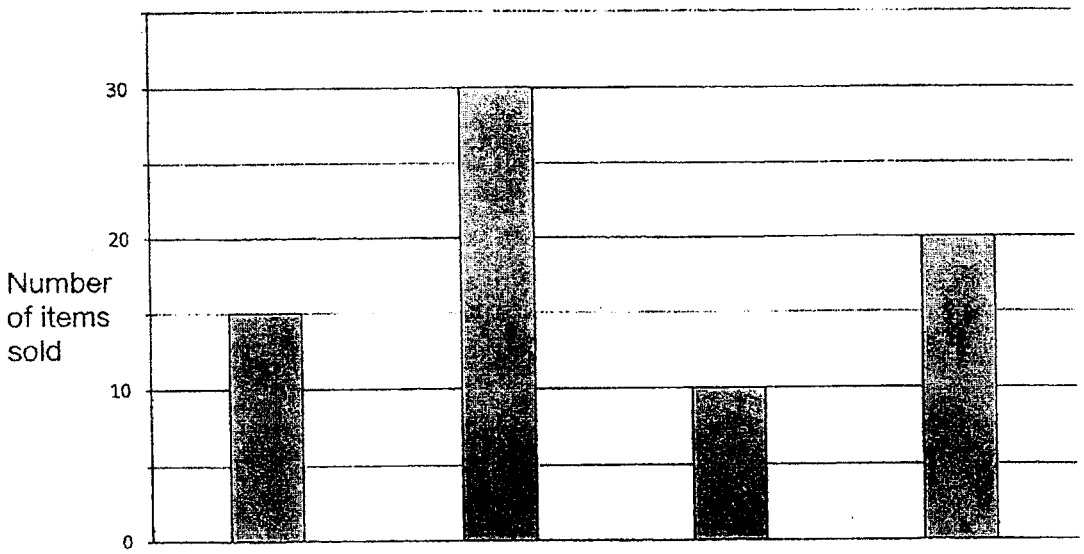
Items sold at a bookshop

Eraser	Pencil	Notebook	Ruler
$1	$2	$3	$2

The same amount of money was collected from the sale of erasers and pencils. More money was collected from the sale of pencils than rulers.

The bar graph shows the number of items sold at the bookshop.

Label the bar graph by writing **E** for eraser, **P** for pencil, **N** for notebook and **R** for ruler.



Answer: _____ _____ _____ _____

SCORE

33. A total of 235 participants took part in a competition. The table shows the scores participants earned in the competition. The number of participants that scored 49 is twice the number of participants that scored 48. How many participants scored 48?

Do not write in this space.

Score	No. of participants
50 and above	45
49	?
48	?
47	50
46	50

Answer: _____

34. At a fruit stall, apples were sold in bags of 8 and oranges were sold in bags of 6. Louis needed to buy the same number of apples and oranges. What was the least number of bags of apples and oranges he had to buy?

Answer: _____ bags of apples

_____ bags of oranges

SCORE

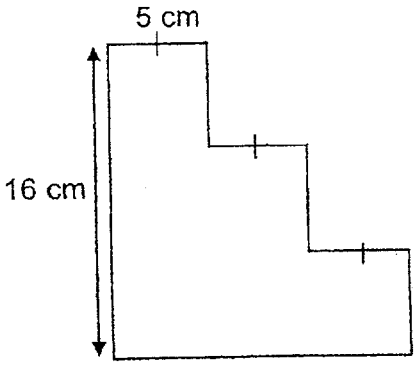
(Go on to the next page)

Do not write in this space.

35. Elaine baked 2 trays of cookies. Each tray had 16 cookies. She gave away $\frac{3}{4}$ of all the cookies she baked. How many cookies did she give away?

Answer: _____

36. The figure below is made up of straight lines that meet at right angles. Find the perimeter of the figure.



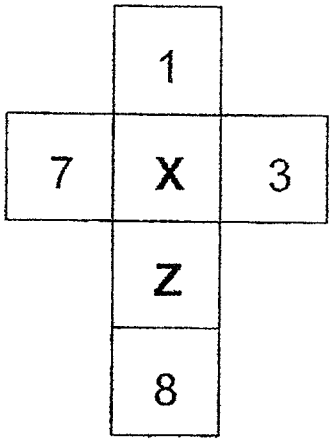
Answer: _____ cm

SCORE

(Go on to the next page)

Do not write in this space.

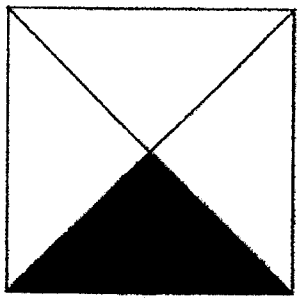
37. The figure shows the net of a cube. The numbers on each pair of opposite faces of the cube add up to 10. What numbers should be on faces X and Z?



Answer: **X:** _____

Z: _____

38. The shaded area in the square is 16 cm^2. Find the length of a side of the square.



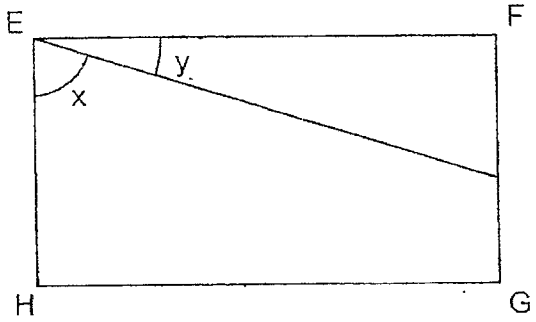
Answer: _____ cm

SCORE

(Go on to the next page)

Do not write in this space.

39. EFGH is a rectangle. $\angle x$ is 4 times of $\angle y$. Find $\angle x$.



Answer: _____ °

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40. The table below shows the Science Programmes held at the Community Centre. One programme leads to another without a break in between.

Programme	Start time
Animal Adaptations	09 00
Earth Explorers	09 25
Weather Wonders	11 10
Ocean Odyssey	12 00

How much shorter is Weather Wonders compared to Earth Explorers?

Answer: _____ min

SCORE

(Go on to the next page)

Section C (5 x 4 = 20 marks)

Work out the answers for each of the following questions. All workings must be shown.

Do not write in this space.

41. Alex packed 289 mangoes and some papayas into 17 boxes.
He packed a total of 38 fruits in each box.

(a) What was the total number of fruits Alex packed in the 17 boxes?

Answer : (a) _____ [2]

(b) After packing the 17 boxes, he had 9 papayas left unpacked.
How many papayas did Alex have at first?

Answer : (b) _____ [2]

SCORE

(Go on to the next page)

Do not write in this space.

42. Hermione bought 6 notebooks and 7 pens for $42.20. Then, she bought another set of 8 similar notebooks and 7 similar pens for $53.

(a) How much more did Hermione pay for the second set of items?

Answer : (a) $ _____ [1]

(b) What is the cost of 1 pen?

Answer : (b) $ _____ [3]

SCORE

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43. The line graph shows the number of cups of milk sold at a school canteen from Monday to Friday.

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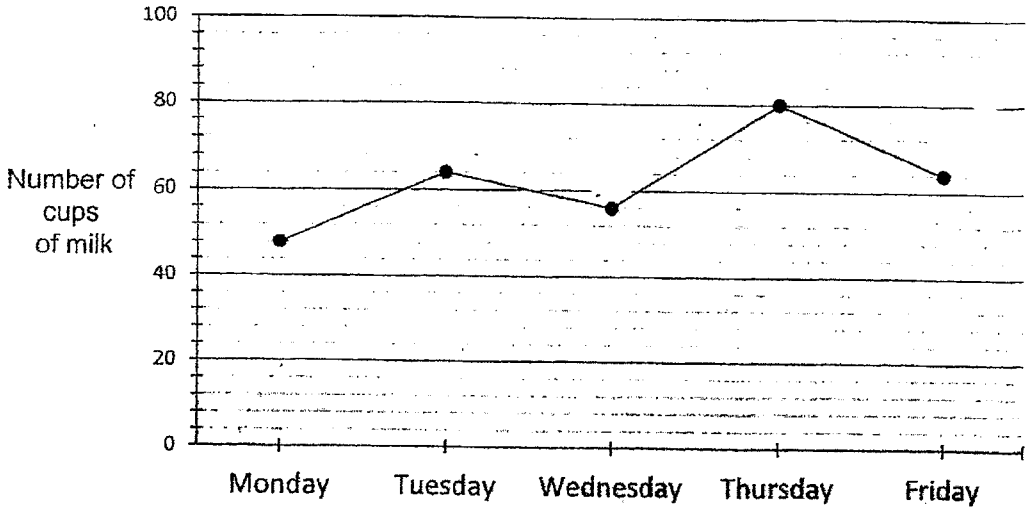


(a) During which one-day period was the increase in the number of cups of milk sold the greatest?

Answer : (a) From _____ to _____ [1]

(b) On which day was the least number of cups of milk sold?

Answer: (b) _____ [1]

(c) Each cup of milk was sold at the same price.
$11.20 more was collected on Tuesday than on Wednesday from the sale of the cups of milk. What was the price of each cup of milk?

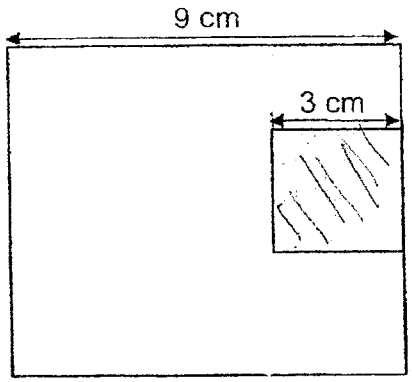
Answer : (c) $ _____ [2]

SCORE

(Go on to the next page)

44. The figure below is made up of a rectangle and a square of side 3 cm. The area of the unshaded part is 63 cm^2.

Do not write in this space.



(a) What is the area of the rectangle?

Answer : (a) _____ cm^2 [1]

(b) What is the perimeter of the unshaded part?

Answer : (b) _____ cm [3]

SCORE

(Go on to the next page)

45. Ron, Harry, and Albus had 690 stickers in total. Ron gave 60 stickers to Harry. Harry then had twice as many stickers as Ron and Albus had 115 stickers fewer than Harry. How many stickers did Ron have at first?

Do not write in this space.

Answer : _____ _____ [4]

END OF PAPER

SCORE

YEAR : 2025
LEVEL : PRIMARY 4
SCHOOL : MARIS STELLA HIGH SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : END-OF-YEAR EXAMINATION

(BOOKLET A)

Q1	3	Q2	2	Q3	2	Q4	3	Q5	3
Q6	1	Q7	4	Q8	1	Q9	1	Q10	2
Q11	4	Q12	4	Q13	4	Q14	1	Q15	4
Q16	2	Q17	3	Q18	2	Q19	4	Q20	2

(BOOKLET B)

Q21	8740	Q22	$\frac{2}{9}$ and $\frac{3}{8}$
Q23	$3\frac{3}{4}$	Q24	$\frac{5}{8}$
Q25	0.04	Q26	0.48
Q27	39.76	Q28	$\frac{6}{10}$
Q29	156°	Q30	109 min → 1h 49 min 84 min → 1h 24 min 1h 49 min + 1h 24 min = 3h 13 min
Q31	406.5	Q32	P, E, R, N
Q33	235 – 145 = 90 90 ÷ 3 = 30	Q34	8 x 3 = 24 6 x 4 = 24 3 bags of apple 4 bags of oranges
Q35	Total → 32 cookies $\frac{4}{4}$ → 32 $\frac{1}{4}$ → 8 $\frac{3}{4}$ → 24	Q36	16 + 15 + 16 + 15 = 62 cm
Q37	X: 2 Z: 9	Q38	16 x 4 = 64 $\sqrt{64}$ = 8 cm
Q39	50 → 90 1u → 18 40 → 72°	Q40	Earth Explorers: Starts 9:25, ends 11:10 → 9:25 to 10:25 = 1 h 10:25 to 11:10 = 45 min → 1 h 45 min = 105 min Weather Wonders: Starts 11:10, ends 12:00 → 11:10 to 12:00 = 50 min

Q41	a) 38 x 17 = 646 b) 646 – 289 = 357 366 – 357 = 9 357 + 9 = 366	Q42	a) 6N + 7P = $42.2 8N + 7P = $53 2N = $10.80 b) 1N = $5.40 6N = $32.40 7P = $9.80 1P = $9.8 ÷ 7 = $1.40
Q43	a) Wednesday to Thursday b) Monday c) 11.2 → 8 cups of milk 11.2 ÷ 8 = $1.40	Q44	a) 63 + 9 = 72 cm^2 b) 18 + 10 + 12 = 40 cm
Q45	5u → 805 1u → 161 R → 161 + 60 = 221		

END