Name: _____

Class : _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2025 End – Year Assessment

Booklet A

24 October 2025

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 10 printed pages.

Section A: (19 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

---

1. Forty-seven thousand and fifty-one in numerals is _____.

   (1) 47 510

   (2) 47 501

   (3) 47 051

   (4) 4715

2. 80 000 + 900 + 30 + 2 = _____

   (1) 89 320

   (2) 89 302

   (3) 80 932

   (4) 80 923

3. What is the remainder when 3087 is divided by 6?

   (1) 5

   (2) 2

   (3) 3

   (4) 4

4. In 3.214, the digit ___ is in the hundredths place.

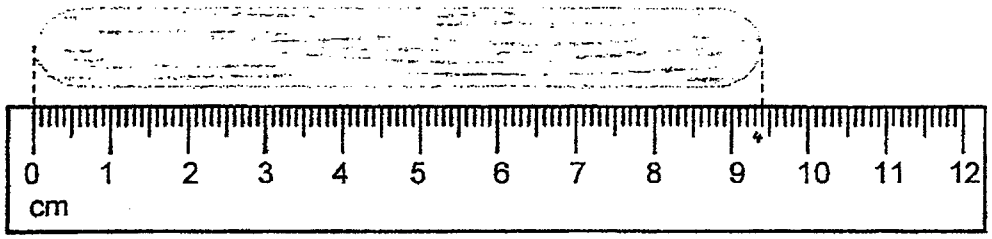
(1) 1

(2) 2

(3) 3

(4) 4

5. What is the length of the ice cream stick?



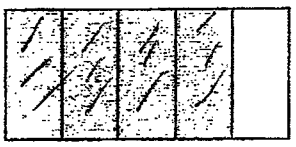
(1) 10.6 cm

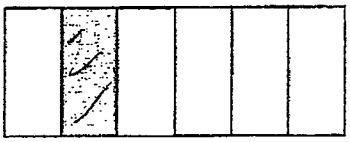
(2) 10.4 cm

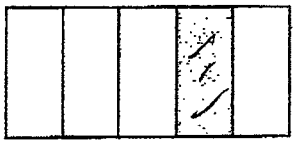
(3) 9.6 cm

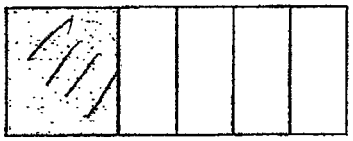
(4) 9.4 cm

6. Which of the following shows $\frac{1}{5}$ of the figure shaded?

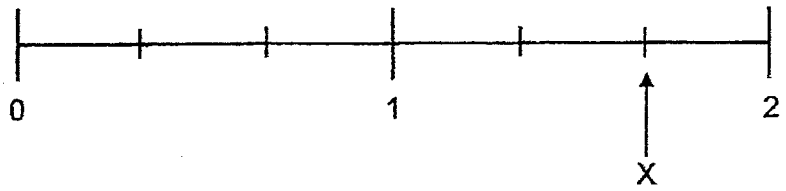
(1) 

(2) 

(3) 

(4) 

7. Which mixed number is represented by X in the number line shown?



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

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

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

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

8. The area of the rectangle is 48 cm^2. The breadth of the rectangle is 4 cm. Find the perimeter of the rectangle.

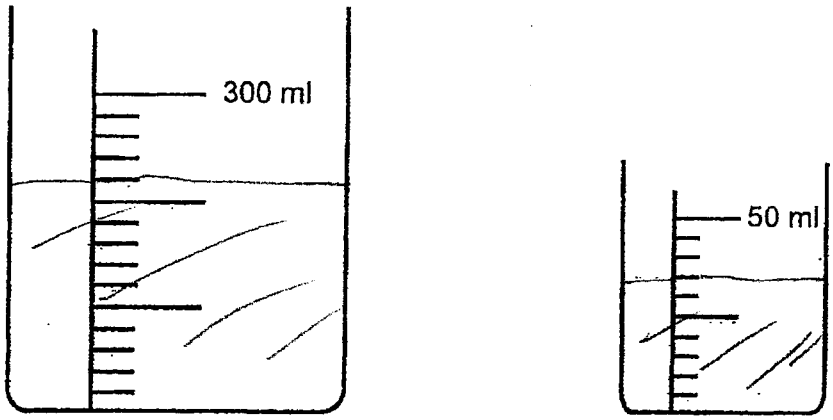
(1) 12 cm

(2) 20 cm

(3) 32 cm

(4) 44 cm

9. What is the total volume of water in the two beakers?



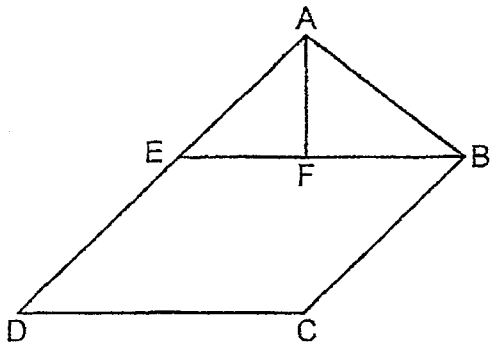
(1) 237 ml

(2) 245 ml

(3) 247 ml

(4) 255 ml

10. Which line is parallel to BE?



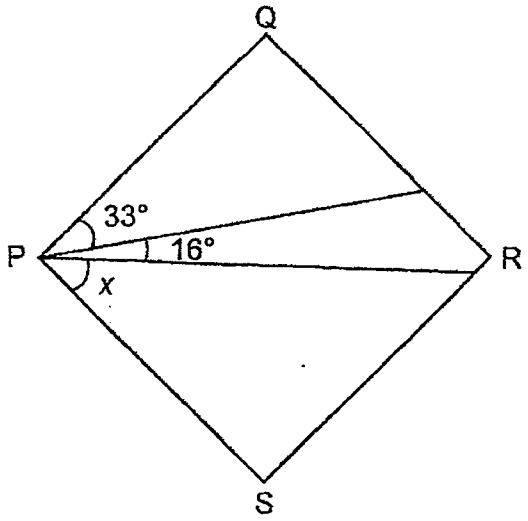
(1) AB

(2) AE

(3) AF

(4) CD

11. PQRS is a square. Find $\angle x$.



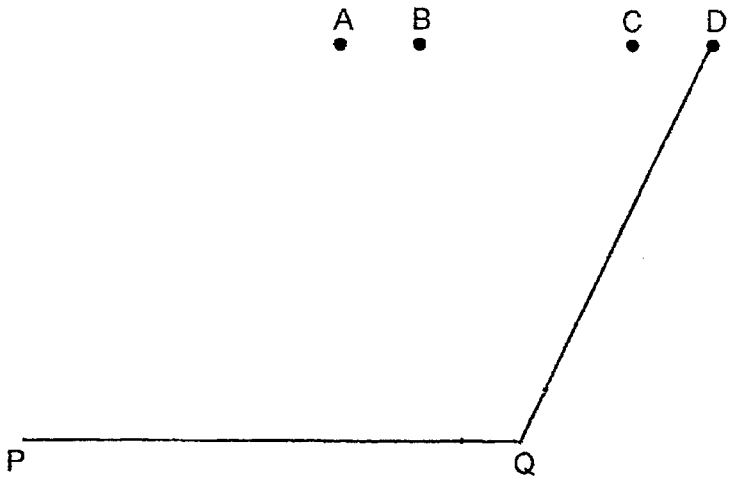
(1) 29°

(2) 41°

(3) 45°

(4) 49°

12. The figure shows Line PQ and points A, B, C and D. Which point when joined to Q forms an angle 115°?



(1) A

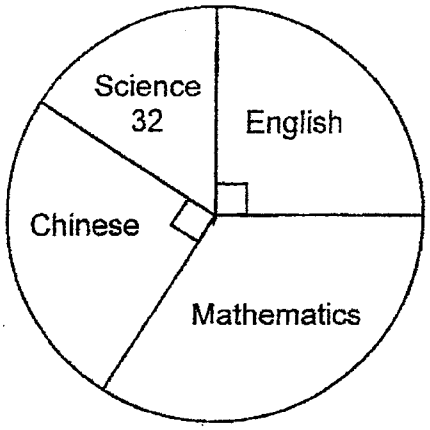
(2) B

(3) C

(4) D

The pie chart shows the favourite subject of 200 pupils. Study the pie chart and answer Questions **13** and **14**.

Favourite subject



13. Which subject was chosen by the least number of pupils?

(1) English

(2) Science

(3) Chinese

(4) Mathematics

14. How many pupils chose Mathematics as their favourite subject?

(1) 68

(2) 82

(3) 132

(4) 168

15. David had some money at first. He paid \$5.80 for chicken rice. Then he received \$13 from his mother. In the end, he had \$42.40 left. How much money did David have at first?

(1) \$23.60

(2) \$35.20

(3) \$49.60

(4) \$61.20

16. Nasrul had some blue pens and green pens. $\frac{7}{10}$ of the pens were green pens. There were 60 more green pens than blue pens. How many pens did Nasrul have?

(1) 105

(2) 140

(3) 150

(4) 200

17. A basket filled with 8 similar balls has a mass of 5320 g. The same basket when filled with 3 similar balls has a mass of 2320 g. What is the mass of the empty basket?

(1) 375 g

(2) 520 g

(3) 600 g

(4) 1000 g

18. Jasmine thought of an even number. It is a multiple of both 5 and 7. What is the number that Jasmine thought of?

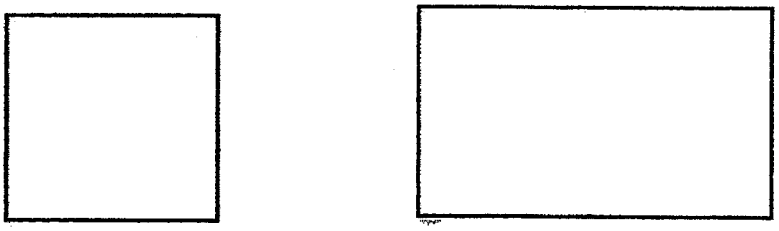
(1) 28

(2) 35

(3) 70

(4) 95

19. The figures show a square and a rectangle.



Cedric made some statements about both figures.

A	All sides in each figure are equal.
B	There are 4 right angles in each figure.
C	Opposite sides of each figure are equal.
D	There are 4 pairs of perpendicular lines in each figure.

Which of the statements are true?

(1) A and B

(2) A, B and C

(3) B, C and D

(4) A, B, C and D

~ End of Booklet A ~

Name: _____

Class : _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2025 End – Year Assessment

Booklet B

24 October 2025

Booklet A :	/ 38
Booklet B :	/ 62
Total :	/ 100

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 18 printed pages.

Section B: (20 x 2 marks)

Do not write in this space

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

20. Round 72 520 to the nearest hundred.

Ans : _____

21. $\frac{5}{6} = \frac{20}{\boxed{?}}$

What is the missing number in the box?

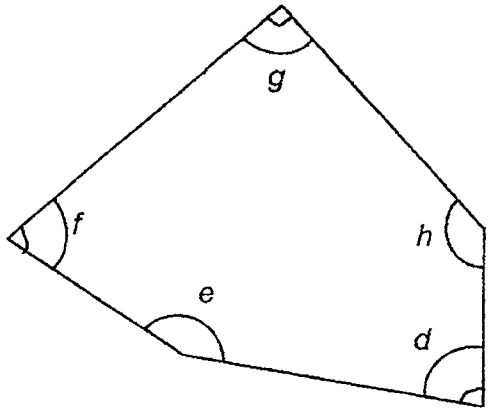
Ans : _____

22. Write 8 tenths as a decimal.

Ans : _____

Do not write in this space

23. Name the two angles that are smaller than 90°.



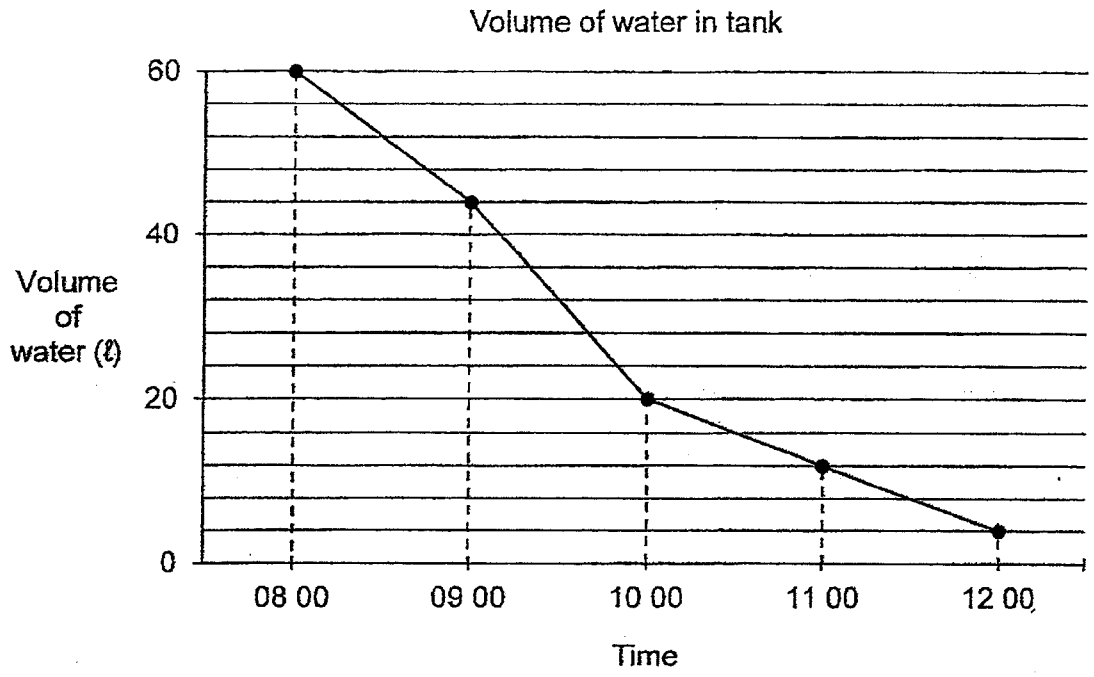
Ans : ∠ _____ and ∠ _____

24. Sherise took 6 h 25 min to travel from Singapore to Kuala Lumpur. She started driving at 23 45. What time did Sherise reach Kuala Lumpur? Give your answer in the 24-hour clock.

Ans : _____

25. A tank was filled with 60 ℓ of water. Water flowed out of the tank from 08 00 to 12 00. The line graph shows the volume of water in the tank from 08 00 to 12 00.

Do not write in this space



How much water flowed out of the tank from 09 00 to 12 00?

Ans : _____ ℓ

Do not write in this space

Study the bar graphs and answer questions **26** and **27**.

John bakes chocolate, vanilla and blueberry muffins to sell. Figure 1 shows the number of muffins baked on Monday. Figure 2 shows the number of muffins that were left unsold at the end of the day.

Number of muffins baked

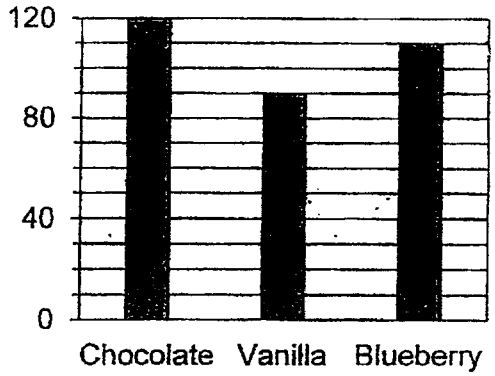


Figure 1

Number of muffins left unsold

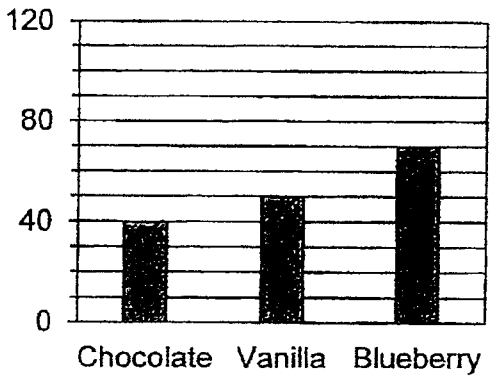


Figure 2

26. (a) How many muffins did John bake altogether?

Ans : (a) _____

(b) Which flavour had the most number of muffins left unsold?

Ans : (b) _____

27. The number of (a) _____ muffins sold was the same as the number of (b) _____ muffins sold.

Ans : (a) _____, (b) _____

28. Arrange these numbers from the smallest to the greatest.

Do not write in this space

$$0.401 \ , \ 0.041 \ , \ \frac{2}{5}$$

Ans : _____ , _____ , _____
(smallest) *(greatest)*

29. Which two of the fractions below are in the simplest form?

$$\frac{3}{4} \ , \ \frac{6}{9} \ , \ \frac{2}{10} \ , \ \frac{7}{8}$$

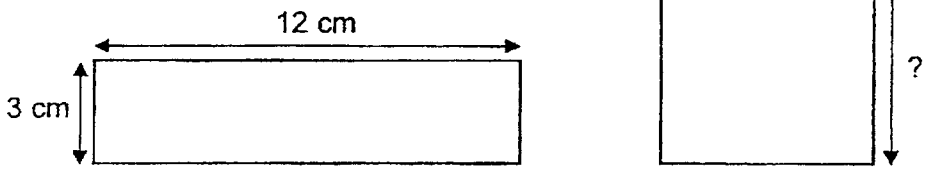
Ans : _____ and _____

30. $\frac{2}{3} - \frac{5}{12} =$

Do not write in this space

Ans : _____

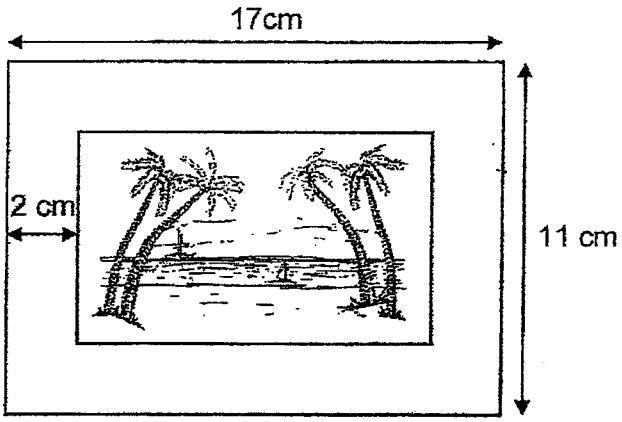
31. The square and the rectangle have the same area. What is the length of the square?



Ans : _____ cm

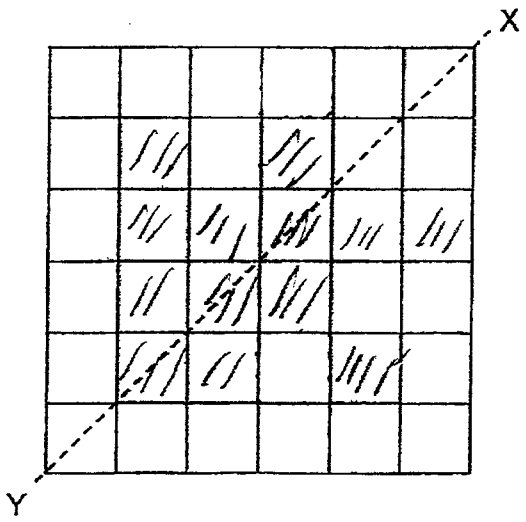
Do not write in this space

32. A photograph is pasted on the centre of a cardboard, leaving a 2 cm border all around it. The cardboard has a length of 17 cm and breadth of 11 cm. What is the area of the photograph?



Ans : _____ cm^2

33. The figure is made up of identical squares. Shade two more squares so that XY is the line of symmetry.



34. Write the missing number in the number pattern below.

. 19 000 , 18 300, _____ , 16 900 , 16 200

Ans : _____

Do not write in this space

35. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Ans : _____ and _____

36. Anika tied some balloons on a string that was 168 cm long. She tied 8 balloons altogether. The balloons were tied at an equal distance apart from each other. What was the distance between each balloon?

Do not write in this space

Ans : _____ cm

37. Bottle B had 2.2 ℓ of water at first. It contained less water than Bottle A. After some water was poured from Bottle A into Bottle B, each bottle contained 5.06 ℓ of water. How much more water was there in Bottle A than Bottle B at first?

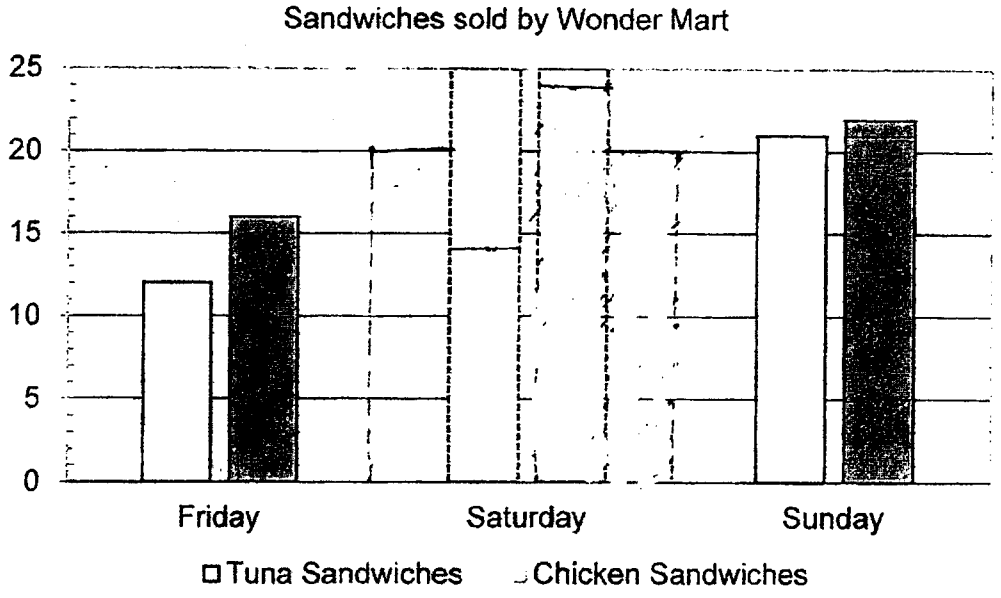
Ans : _____ ℓ

38. The table shows the total number of tuna and chicken sandwiches sold by Wonder Mart from Friday to Sunday. A tuna sandwich was sold for $2 and a chicken sandwich was sold for $3. The number of tuna and chicken sandwiches sold on Saturday was the same.

Do not write in this space

Day	Number sold		Total amount of money collected
	Tuna sandwiches	Chicken sandwiches	
Friday	12	16	$72
Saturday	?	?	$100
Sunday	21	22	$108

Complete the bar graph to show the number of tuna and chicken sandwiches sold by Wonder Mart on Saturday.



39.

Bryan wants 7 canned drinks. What is the least amount of money that he will need to spend on the canned drinks?

Ans : $ _____

Do not write in this space

Section C: (22 marks)

Do not write in this space

Solve the following problems. All mathematical working and statements must be shown clearly.

40. Leonard used sticks of equal length to form figures that follow a pattern as shown. He recorded the number of squares formed and the number of sticks used for the 3 figures in the table. Study the pattern.

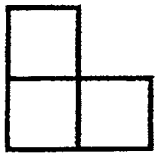


Figure 1

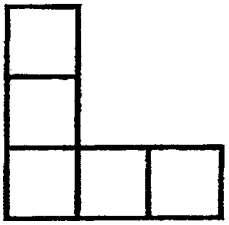


Figure 2

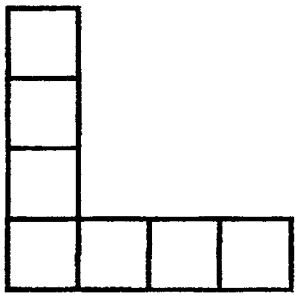


Figure 3

Figure Number	Number of squares	Number of sticks used
Figure 1	3	10
Figure 2	5	16
Figure 3	7	22

(a) Leonard made a figure that has 11 squares. What is the figure number?

Ans : (a) Figure _____ [1]

(b) He used 40 sticks to make another figure. How many squares did this figure have?

Ans : (b) _____ [2]

41. The total length of 6 similar yellow ribbons and 1 red ribbon was 14.07 m. The red ribbon was 1.05 m longer than each yellow ribbon.

(a) What was the length of each yellow ribbon?

Ans : (a) _____ [2]

(b) What was the length of 4 such yellow ribbons?

Ans : (b) _____ [2]

Do not write in this space

Do not write in this space

42. On Monday, Xin Rui swam for $\frac{4}{5}$ h. She swam $\frac{1}{3}$ h less on Tuesday than on Monday.

(a) How long did she swim on Tuesday?

Ans : (a) _____ [2]

(b) How long did Xin Rui swim on both days? Express your answer as a mixed number in its simplest form.

Ans : (b) _____ [2]

43. (a) Which of the following net(s) below will form the same solid? Tick (✓) the correct box/boxes.

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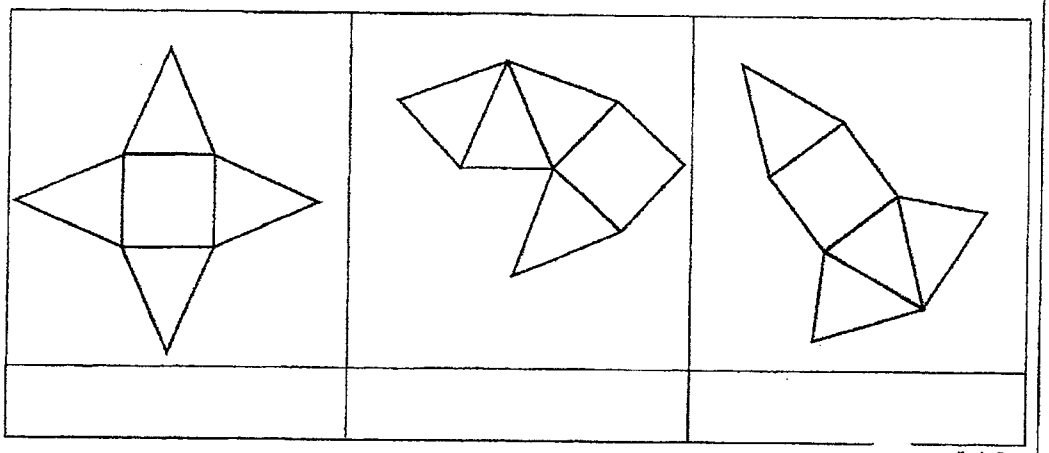


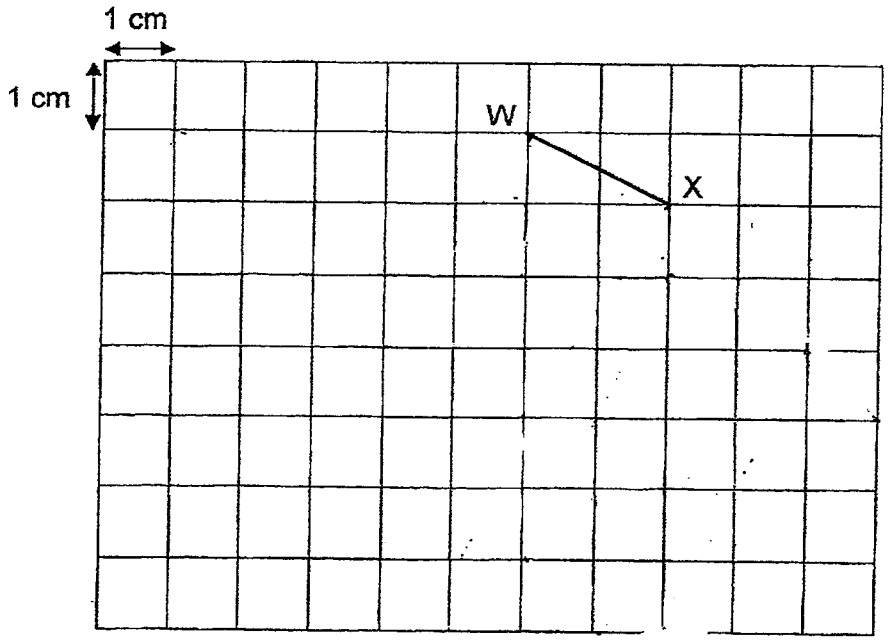
[1]

(b) What is the name of the solid? Tick (✓) the correct box.

Cube	
Prism	
Cuboid	
Pyramid	

[1]

(c) WX is the breadth of rectangle WXYZ. The length of rectangle WXYZ is twice its breadth. Complete the figure below to form rectangle WXYZ. Use a pencil to draw and label it clearly.



[2]

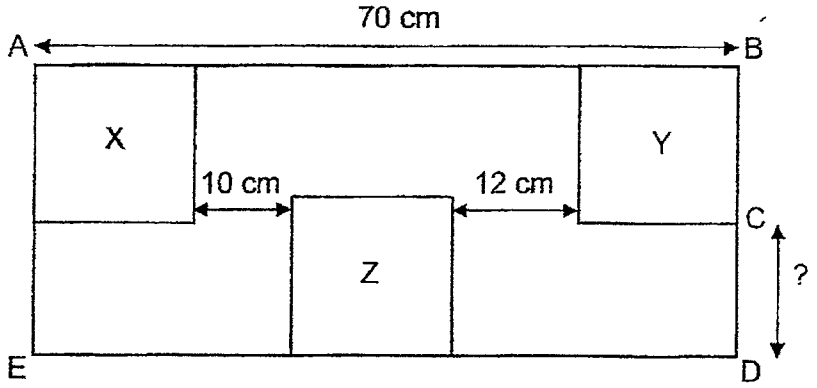
44. Fiona had 4 times as many marbles as Gerald at first. After Fiona lost 200 marbles and Gerald lost 32 marbles, they had the same number of marbles in the end. How many marbles did Fiona have at first?

Do not write in this space

Ans : _____ [3]

45. In the figure, ABDE is a rectangle with AB = 70 cm. X, Y and Z are identical squares.

Do not write in this space



(a) Find the area of square X.

Ans : _____ [2]

(b) The perimeter of rectangle ABDE is 198 cm. Find the length of CD.

Ans : _____ [2]

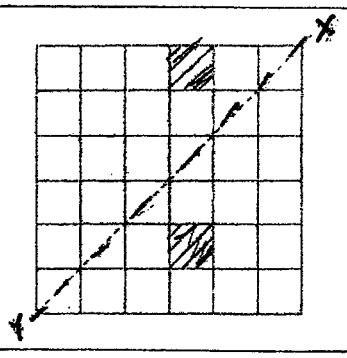
~ End of Paper ~

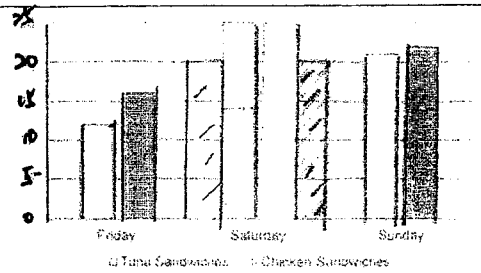
YEAR : 2025
LEVEL : PRIMARY 4
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

(BOOKLET A)

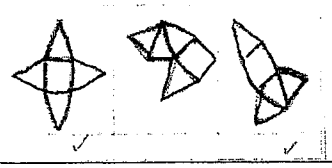
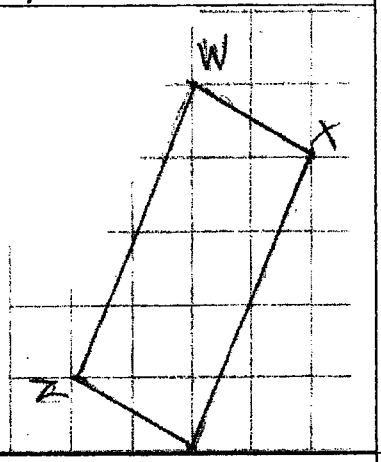
Q1	3	Q2	3	Q3	3	Q4	1	Q5	4
Q6	3	Q7	2	Q8	3	Q9	4	Q10	4
Q11	2	Q12	4	Q13	2	Q14	1	Q15	2
Q16	3	Q17	2	Q18	3	Q19	3		

(BOOKLET B)

Q20	72 500	Q21	5 x 4 = 20 6 x 4 = 24 Ans : 24
Q22	0.8	Q23	Angle F and D
Q24	23 45 + 15min + 10min + 6h = 06 10	Q25	44 – 4 = 40
Q26	a) 120 + 90 + 110 = 320 b) Blueberry	Q27	a) Vanilla b) Blueberry
Q28	$\frac{2}{5}=\frac{4}{10}$ 0.041, $\frac{2}{5}$, 0.401	Q29	$\frac{3}{4}$ and $\frac{7}{8}$
Q30	$\frac{2}{3}=\frac{8}{12}$ $\frac{8}{12}-\frac{5}{12}=\frac{3}{12}=\frac{1}{4}$	Q31	12 x 3 = 36 6 x 6 = 36 Ans : 6cm
Q32	2 + 2 = 4 17 – 4 = 13 11 – 4 = 7 13 x 7 = 91cm^2	Q33	
Q34	19 000 – 18 300 = 700 16 900 – 16 200 = 700 18 300 – 700 = 17 600	Q35	32 = 1 x 32 2 x 16 4 x 8 Ans : 16 and 8
Q36	?B = 168 8b = 168 8b = 7d 1d = 24 cm	Q37	5.06 – 2.2 = 2.86 2.86 x 2 = 5.72L

Q38	 2 + 3 = 5 100 ÷ 5 = 20	Q39	2 + 2 = 4 4 + 2 = 6 6 + 1 = 7 2 + 2 + 1 = 5 1.45 x 5 = $7.25

SECTION C

Q40	a) Figure 5 b) 13	Q41	a) 6y + 1r = 14.07 11r = 1.05 + y 1y + 1.05 + 6y = 14.07 14.07 – 1.05 = 13.02 13.02 ÷ 7 = 1.86 b) 1.86 x 4 = 7.44
Q42	a) $\frac{4}{5}=\frac{12}{15}$ $\frac{1}{3}=\frac{5}{15}$ $\frac{12}{15}-\frac{5}{15}=\frac{7}{15}$h b) $\frac{12}{15}+\frac{7}{15}=\frac{19}{15}$ $\frac{19}{15}=1\frac{4}{15}$h	Q43	a)  b) Pyramid c) 
Q44	200 – 32 = 168 168 ÷ 3 = 56 56 x 4 = 224	Q45	a) 70 – 22 = 48 48 ÷ 3 = 16 16 x 16 = 256cm^2 b) 70 + 70 = 140 198 – 140 = 58 58 ÷ 2 = 29 29 – 16 = 13cm

END