Name: _____( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2023 End – Year Assessment

Booklet A

25 October 2023

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 11 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.

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1. The value of the digit 5 in 89 503 is _____.

   (1) 50

   (2) 500

   (3) 5000

   (4) 50 000

2. Thirty-four thousand and sixty-two in figures is _____.

   (1) 34 620

   (2) 34 602

   (3) 34 062

   (4) 3462

3. Which of the following when rounded to the nearest hundred gives 60 000?

   (1) 59 599

   (2) 59 951

   (3) 60 070

   (4) 60 140

4. What is the ~~second~~ common multiple of 4 and 6?

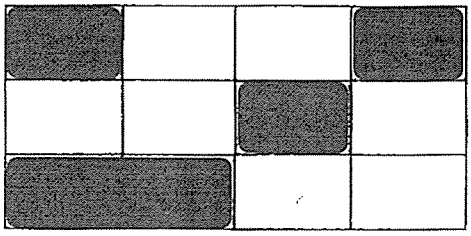
(1) 12

(2) 16

(3) 24

(4) 30

5. The figure shown is made up of identical rectangles. What fraction of the figure is shaded?



(1) $\frac{5}{7}$

(2) $\frac{5}{11}$

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

(4) $\frac{7}{12}$

6. Which of the following fractions is equivalent to $\frac{4}{6}$?

(1) $\frac{6}{12}$

(2) $\frac{8}{18}$

(3) $\frac{10}{12}$

(4) $\frac{12}{18}$

7. In the number 41.32, the digit _____ is in the hundredths place.

(1) 1

(2) 2

(3) 3

(4) 4

8. $11.78 \times 6 =$ _____

(1) 70.68

(2) 66.78

(3) 66.68

(4) 17.78

9. Express $\frac{21}{25}$ as a decimal.

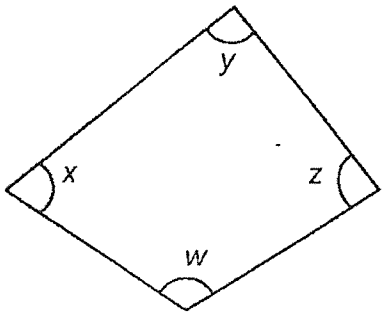
(1) 0.021

(2) 0.084

(3) 0.21

(4) 0.84

10. In the figure, which angle is a right angle?



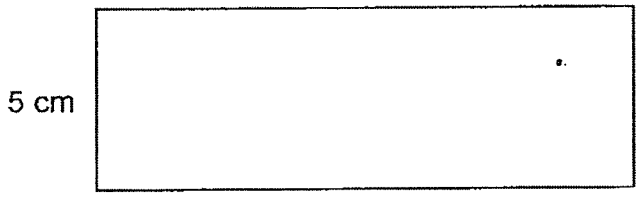
(1) $\angle w$

(2) $\angle x$

(3) $\angle y$

(4) $\angle z$

11. The figure below shows a rectangle. Its length is 3 times its breadth. Find its perimeter.



(1) 15 cm

(2) 20 cm

(3) 26 cm

(4) 40 cm

12. Mr Ng took a flight from Singapore to Japan. He boarded the plane at 23 39 and reached Japan at 06 22 the next day. How long was the flight?

(1) 6 h 17 min

(2) 6 h 43 min

(3) 7 h 17 min

(4) 7 h 43 min

The table shows the favourite fruits of the pupils in 3 classes. Each class has the same number of pupils. Use the table to answer questions 13 and 14.

Class	Apple	Banana	Orange	Pear
4A	14	12	8	6
4B	7	13	?	4
4C	15	6	11	8

13. How many pupils in Class 4B chose orange as their favourite fruit?

(1) 16

(2) 19

(3) 21

(4) 26

14. Which fruit did most pupils choose?

(1) pear

(2) apple

(3) orange

(4) banana

15. Elize had a string that was 15.61 m long. She used 1.54 m to tie a parcel and cut the remaining string into 7 equal pieces. How long was each piece of string?

(1) 0.69 m

(2) 2.01 m

(3) 2.23 m

(4) 2.45 m

16. Kelly used $\frac{3}{10}$ kg of coffee powder. She used $\frac{1}{5}$ kg less coffee powder than Frances. How much coffee powder did they use altogether?

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

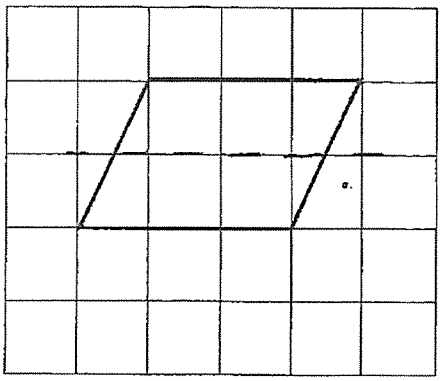
(2) $\frac{1}{10}$ kg

(3) $\frac{2}{5}$ kg

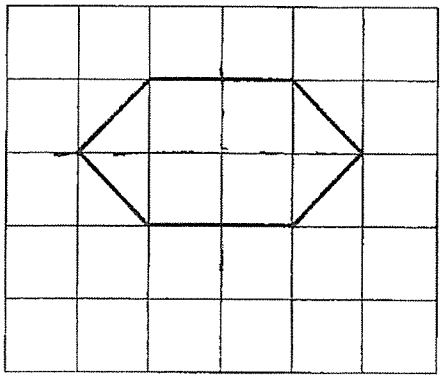
(4) $\frac{4}{5}$ kg

17. Which one of the following figures has more than one line of symmetry?

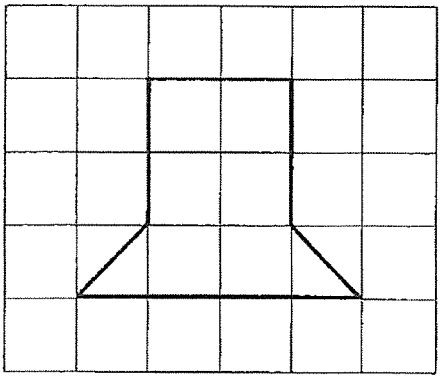
(1)



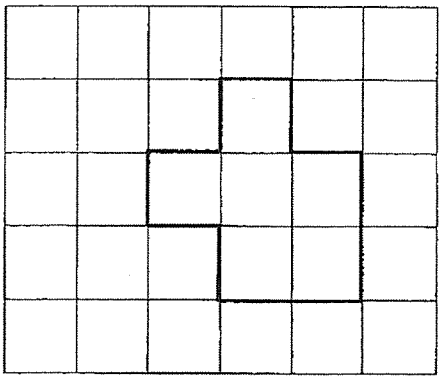
(2)



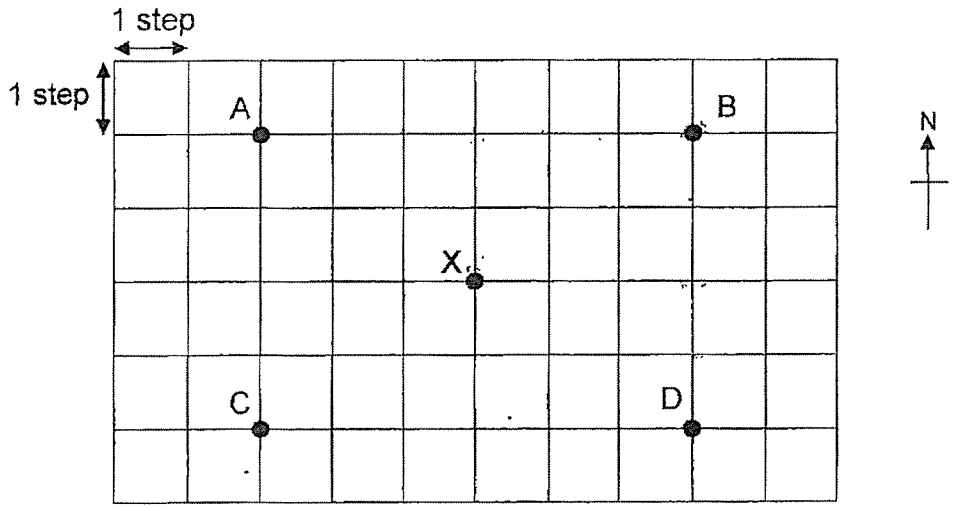
(3)



(4)



18. Look at the diagram below and answer the question.



Isabelle is at Position X. She takes 2 steps to the north, 3 steps to the east, and 4 steps to the south. At which position will Isabelle be in the end?

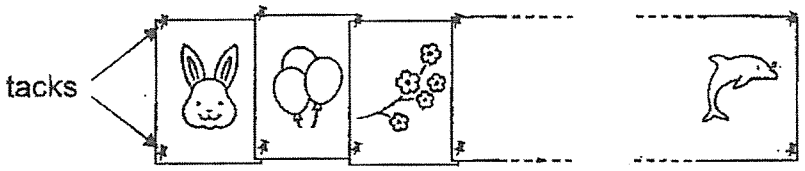
(1) A

(2) B

(3) C

(4) D

19. Neeta used 52 tacks to pin her drawings side by side onto a board as shown below.



How many drawings did she pin altogether?

(1) 13

(2) 24

(3) 25

(4) 26

~ End of Booklet A ~

Name: _____ ( )

Class : Primary 4_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 4 Mathematics

2023 End – Year Assessment

Booklet B

25 October 2023

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

_____

Parent's/Guardian's Signature

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 19 printed pages.

Section B: (20 x 2 marks)

Do not write in this space

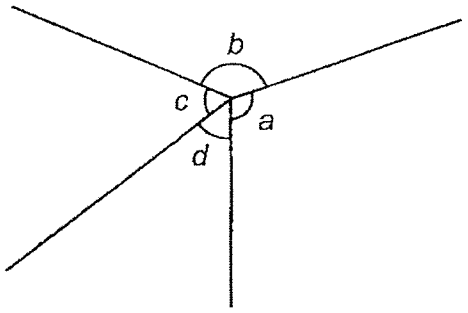
Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

20. Fill in the blank with the correct number in the number pattern below.

875 , 845 , 815 , _____ , 755

Ans : _____

21. In the figure below, name the smallest angle.



Ans : ∠ _____

22. Write $\frac{20}{9}$ as a mixed number.

Do not write in this space

Ans : _____

23. 7.06 + 2 = _____

Ans : _____

24. The perimeter of a square is 76 cm. What is the area of the square?

Ans : _____ cm^2

25. A bakery sold different flavours of cakes on Monday. The bar graph shows the number of different flavours of cakes sold by the bakery.

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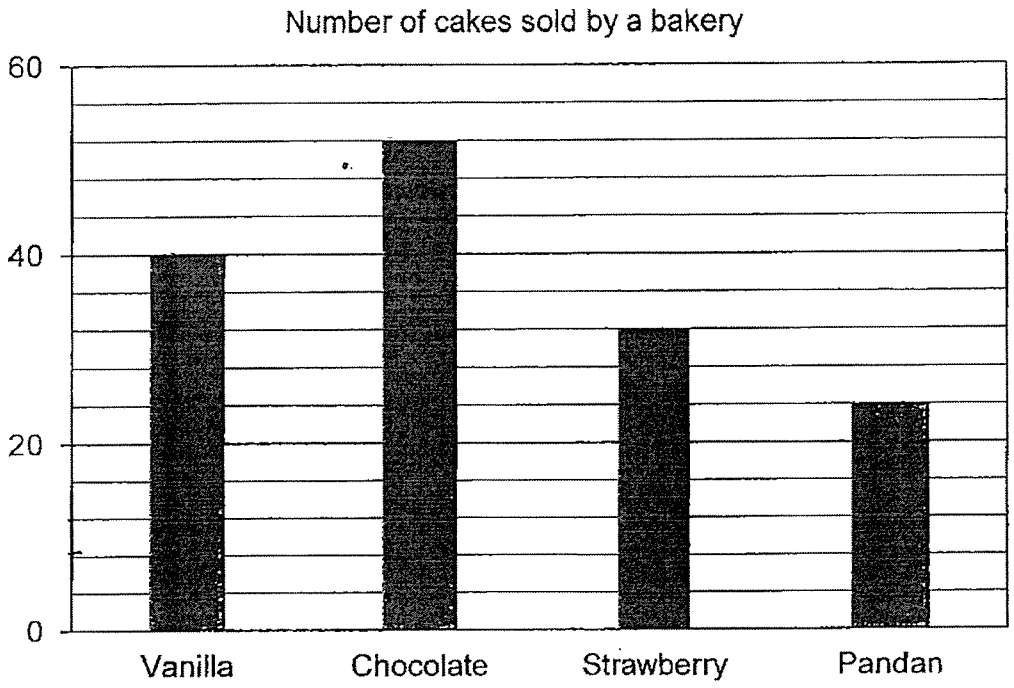

(a) Use the data from the graph to complete the table below.

Flavour of cake	Number of cakes
Vanilla	40
Chocolate	
Strawberry	32
Pandan	

(b) The bakery sold a total of 84 cakes of 2 flavours. Which were the 2 flavours?

Ans : (b)_____and _____

26. The time shown on the clock is 20 minutes faster than the actual time. What is the actual time?

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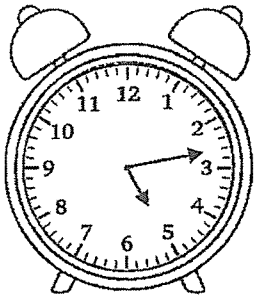

Ans : _____ p.m.

27. Liana started doing a science quiz at 12.42 p.m. There were 8 questions in this quiz. For the first 3 questions, Liana took 6 minutes to complete each question. For the remaining questions, she took 7 minutes to complete each question. At what time did Liana complete the quiz? Express your answer using the 24-hour clock.

Ans : _____

28. (a) Measure the length of the rectangle below.

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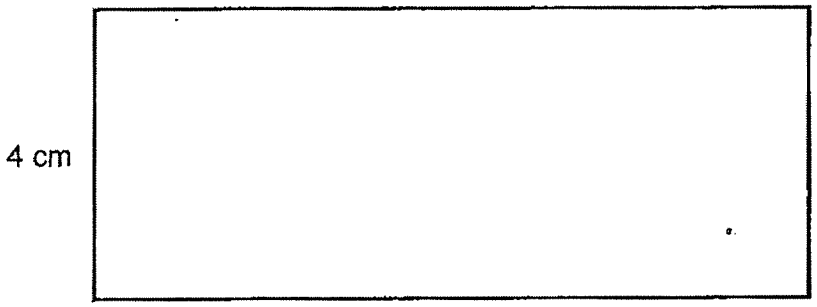


Ans : (a)_____ cm

(b) Using the length you have measured in (a), find the area of the above rectangle.

Ans : (b)_____ cm^2

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

$\frac{2}{5}$, $\frac{3}{6}$, $\frac{5}{7}$, $\frac{6}{8}$

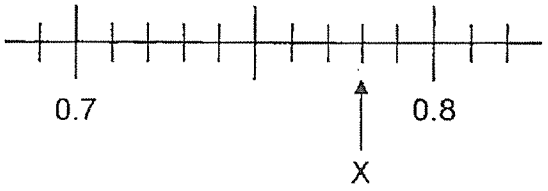
Ans : _____ and _____

30. Find the value of $1 - \frac{1}{3} - \frac{2}{9}$.

Do not write in this space

Ans : _____

31. Write the decimal represented by X.



Ans : _____

32. Arrange the following numbers from the smallest to the greatest.

Do not write in this space

$$0.801 \quad , \quad 0.081 \quad , \quad \frac{4}{5}$$

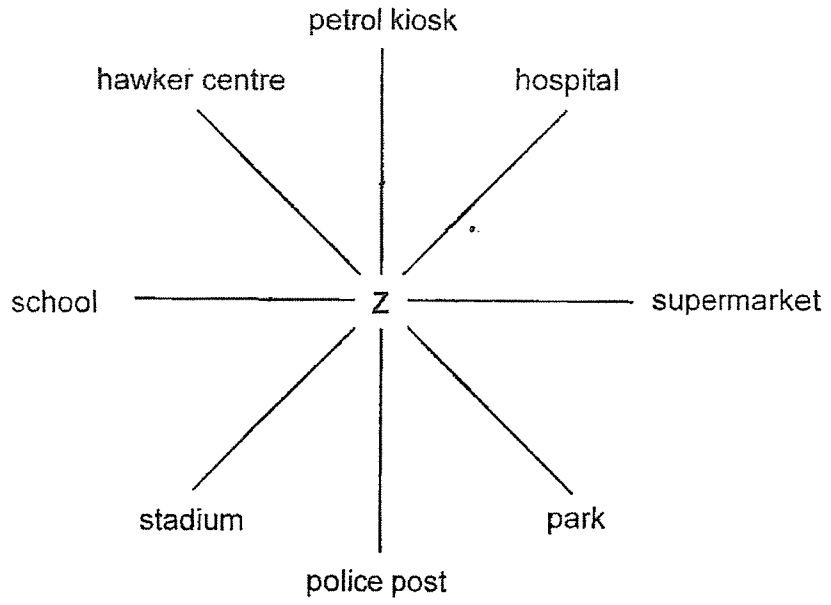
Ans : _____ , _____ , _____
(smallest) *(greatest)*

33. Gareth spent $20.45 on a shirt. He spent $12.25 more on a belt than the shirt. How much money did Gareth spend on the shirt and belt altogether?

Ans : $_____

34. Look at the diagram and answer the questions.

Do not write in this space



(a) Sally was standing at point Z. After turning 135° anti-clockwise, she faced the supermarket. Where was Sally facing at first?

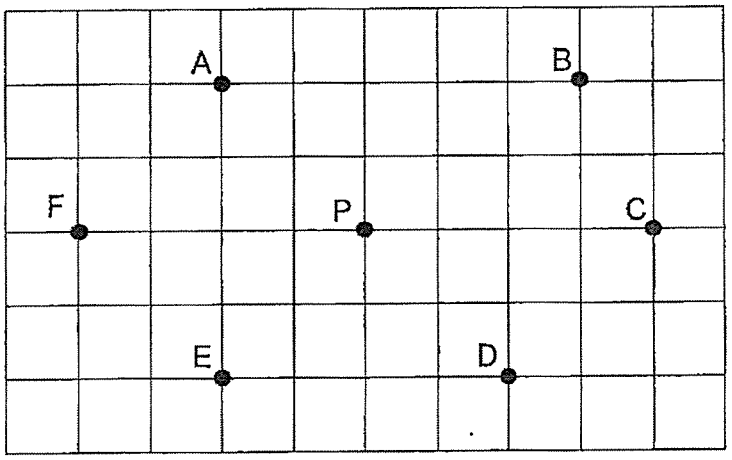
Ans : (a) _____

(b) Chitra was standing at point Z, facing the hawker centre at first. She made a $\frac{1}{4}$-turn in an anti-clockwise direction. She then turned through an angle in a clockwise direction. She faced the police post in the end. What was the angle that Chitra turned?

Ans : (b) _____ °

35. Look at the diagram below to answer questions 35(a) and 35(b).

Do not write in this space



In the square grid,

(a) Point C is [?] of Point F.

Ans : (a) _____

(b) Point E is south-west of Point [?].

Ans : (b) _____

36. Some factors of 52 are 1, 2, 4 and 52. What are the other two factors of 52?

Do not write in this space

Ans : _____ and _____

37. Hidayah needs to pack some books into boxes of 3 or 8. The number of books is fewer than 50. What is the greatest number of books that Hidayah has to pack?

Ans : _____

38. The line graph shows the number of visitors at a museum last week. Study the line graph and answer questions 38 and 39.

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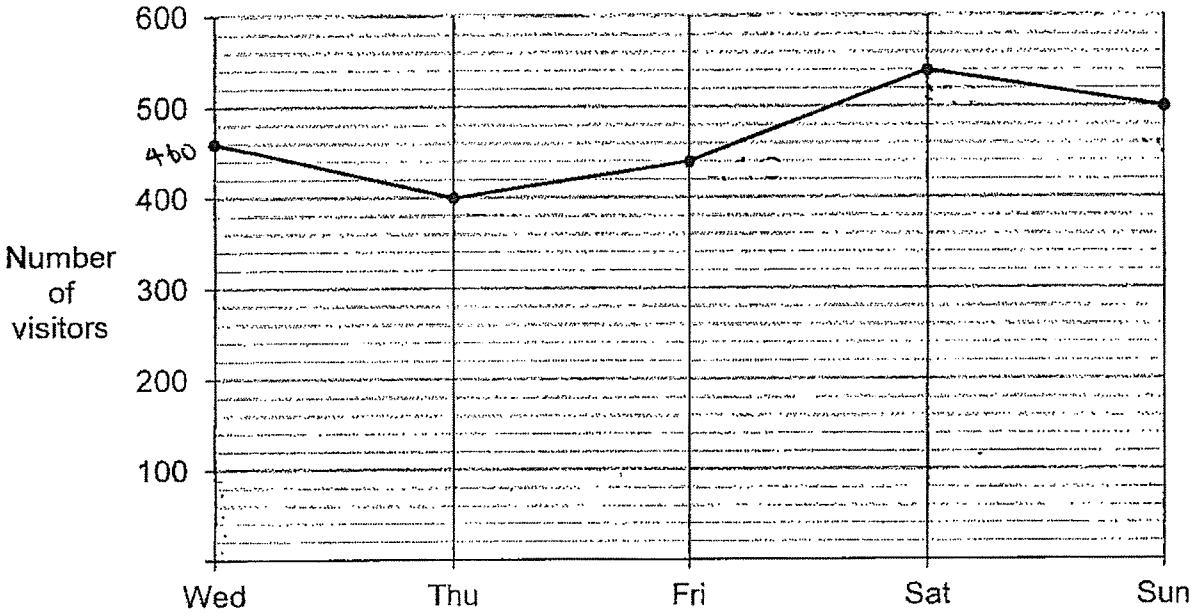


(a) Which of the following statement(s) is/are true? Tick (✓) in the box next to the correct statement(s).

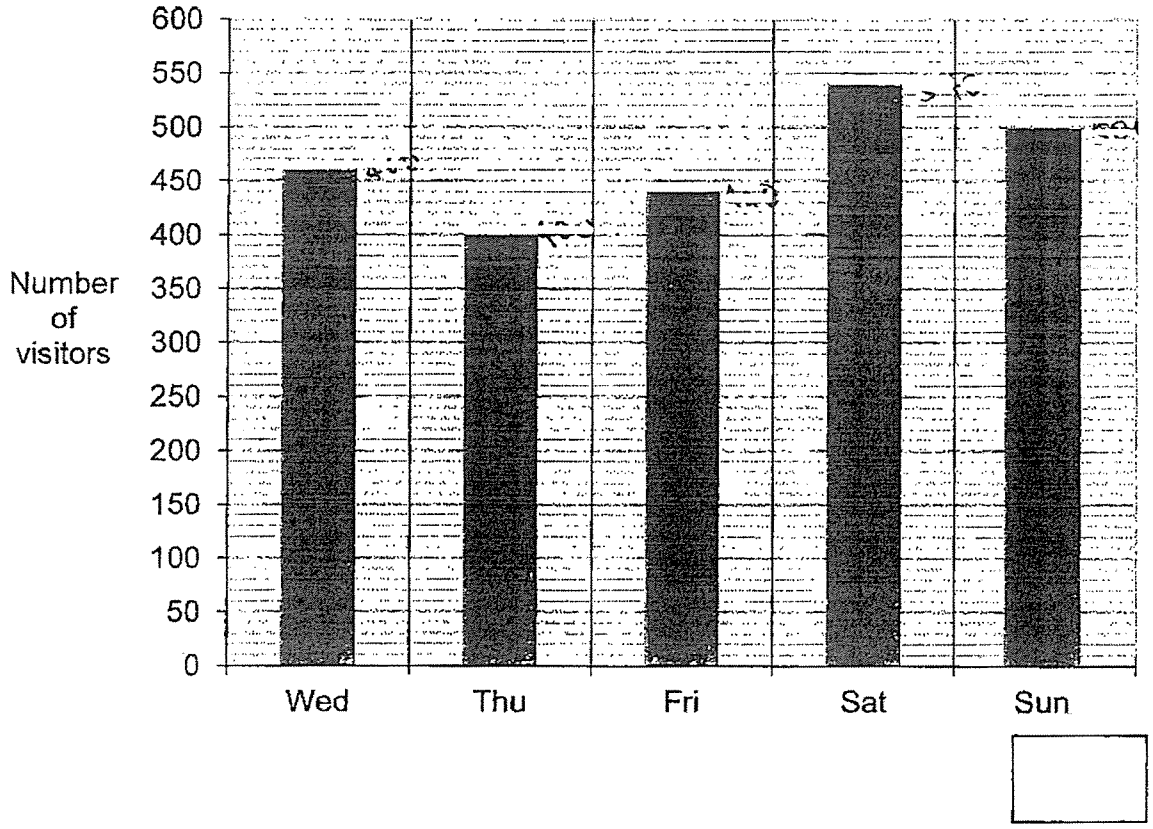
1.	420 visitors were at the museum on Friday.	
2.	The total number of visitors who were at the museum on Saturday and Sunday was 1040.	
3.	There were 60 fewer visitors at the museum on Thursday than on Wednesday.	

(b) The number of visitors on Sunday was 5 times the number of visitors on Monday. How many visitors were at the museum on Monday?

Ans : (b)_____

39. Which of the bar graphs shows the data in the line graph correctly? Tick (✓) in the box next to the correct bar graph.

Do not write in this space



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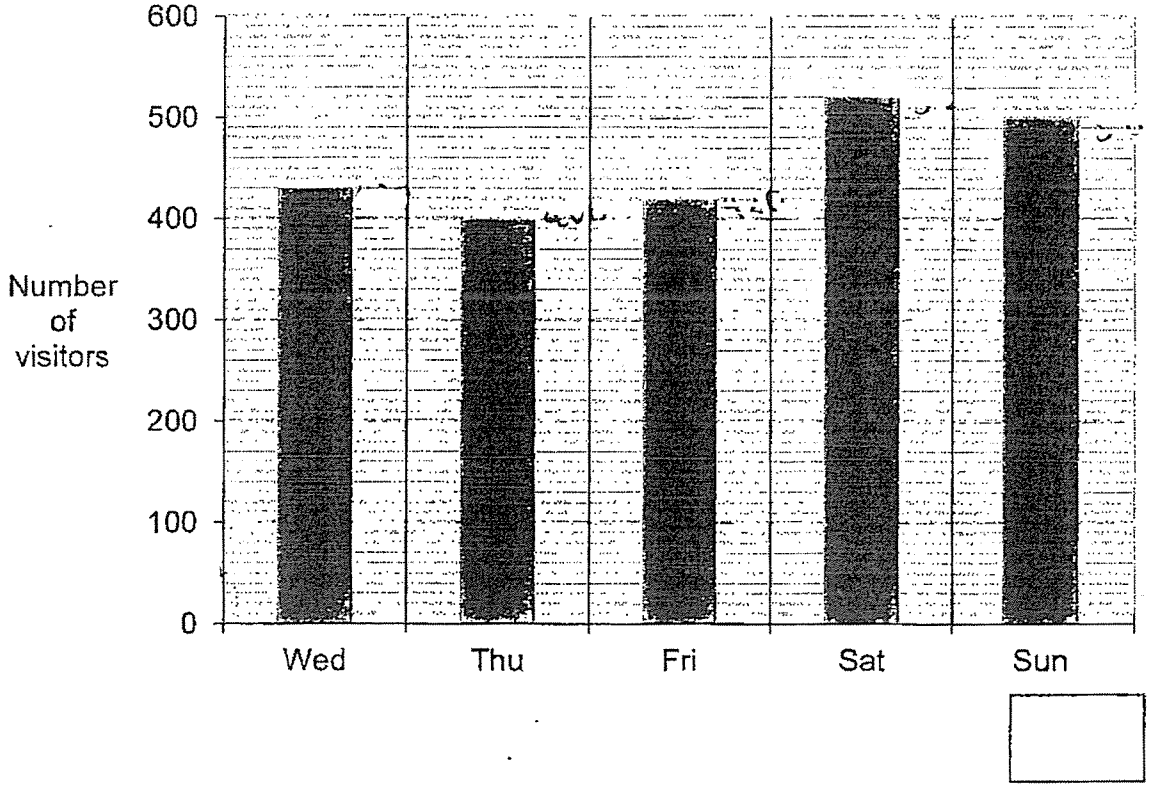

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Section C: (22 marks)

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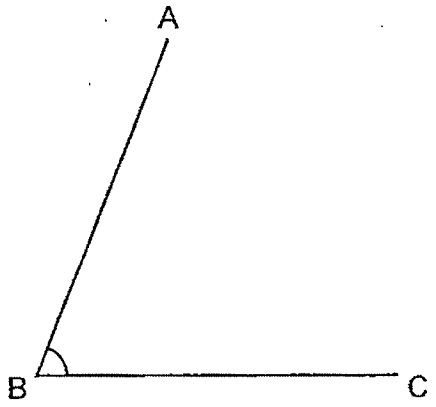
Solve the following problems. All mathematical working and statements must be shown clearly.

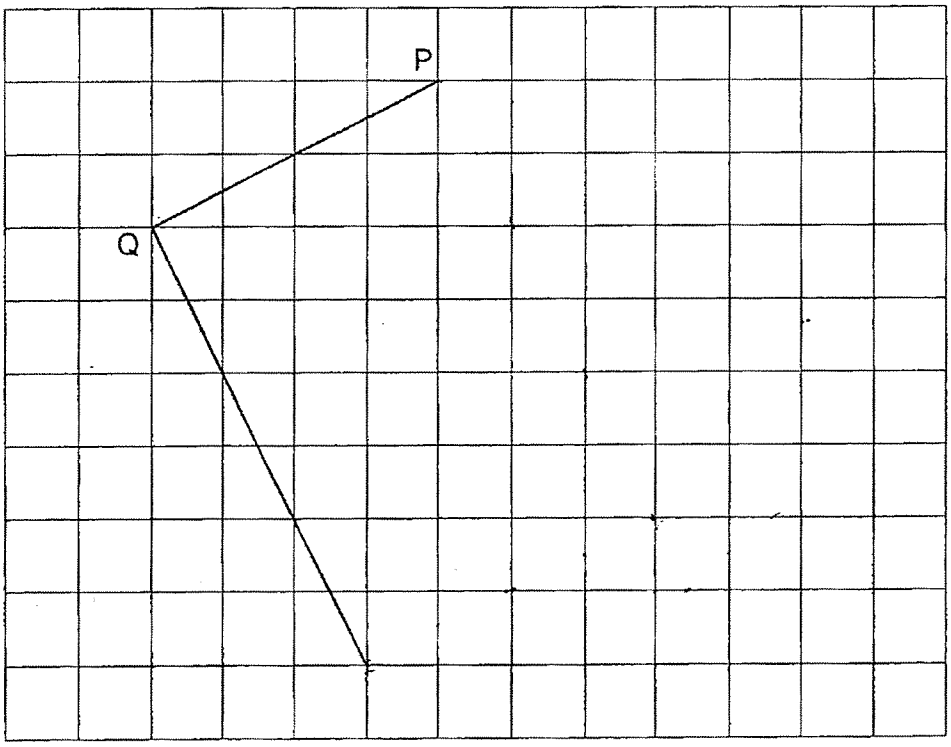
40. Look at the figure below.



(a) What is the size of ∠ABC?

Ans : (a) _____ [1]

(b) Complete the figure below to form rectangle PQRS. Use a pencil to draw the diagram and label it clearly.



[2]

41. Johnny spent $\frac{1}{2}$ of his salary on food and $\frac{1}{7}$ on transport. In the end, he had $630 left. How much money did Johnny spend on transport?

Do not write in this space

Ans : _____ [3]

42. Mei Yi spent $14.90 on 4 erasers and 5 pencils. The total cost of 1 such eraser and 1 such pencil was $3.25.

(a) How much did 1 such pencil cost?

Do not write in this space

Ans : (a) _____ [2]

(b) Zachary bought 7 such pencils. He paid with a $50 note. How much change did Zachary receive?

Ans : (b)_____ [2]

43. Priscilla, William and Victor had a total of 680 stickers. Victor had 180 fewer stickers than Priscilla and William had 20 more stickers than Priscilla.

Do not write in this space

(a) How many stickers did Priscilla have?

Ans : (a) _____ [2]

(b) Victor then bought some stickers. Priscilla had twice as many stickers as him in the end. How many stickers did Victor buy?

Ans : (b) _____ [2]

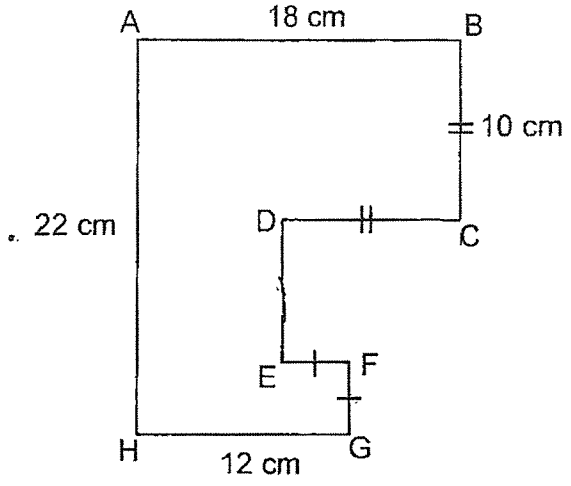
44. Aqil collected 24 more stamps than Riley at first. After Aqil gave away 60 stamps, Riley had 4 times as many stamps as him. How many stamps did Aqil have at first?

Do not write in this space

Ans : _____ [4]

45. In the figure below, all the lines meet at right angles.

Do not write in this space



(a) Find the length of EF.

Ans : (a) _____ [2]

(b) Find the perimeter of the figure.

Ans : (b) _____ [2]

~ End of Paper ~

SCHOOL : CHIJ PRIMARY SCHOOL

LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : SA2 2023

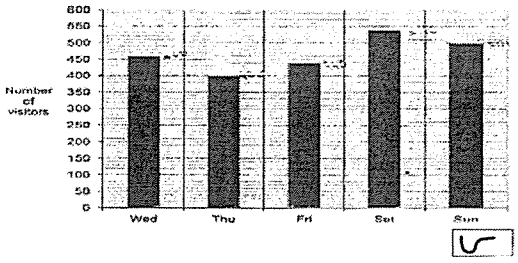
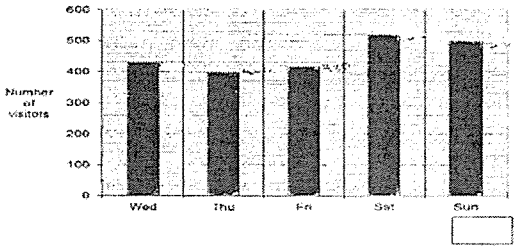
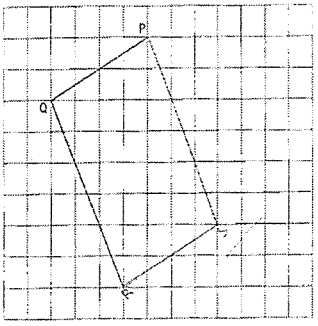
BOOKLET A

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

BOOKLET B

Q20)	875 – 845 = 30 815 – 30 = 785
Q21)	d
Q22)	$2\frac{2}{9}$
Q23)	9.06
Q24)	76 ÷ 4 = 19 19 x 19 = 361 cm2
Q25)	a) chocolate --- 52 Pandan --- 24 b) chocolate and strawberry

Q26)	4.53 p.m.
Q27)	3 x 6 = 18 8 – 3 = 5 5 x 7 = 35 35 + 18 = 53 1.35 pm → 1335
Q28)	a)10 cm b)10 x 4 = 40 cm2
Q29)	2/5 and 5/7
Q30)	4/9
Q31)	0.78
Q32)	0.081 , 4/5 , 0.801
Q33)	20.45 + 20.45 = 40.90 40.90 + 12.25 = $53.15
Q34)	a) stadium b) 90 x 3 = 270 270 + 45 = 315
Q35)	a) East b) P

Q36)	13 and 26
Q37)	48
Q38)	a)2,3 b)$500 \div 5 = 100$
Q39)	 
Q40)	a)68° b) 
Q41)	$14 - 7 - 2 = 5$ $630 \div 5 = 126$ $126 \times 2 = \$252$

Q42)	a)3.25 x 5 = 16.25 16.25 – 14.90 = 1.35 5 – 4 = 1 1.35 x 4 = 5.40 14.90 – 5.40 = 9.50 9.50 ÷ 5 = $1.90 b)1.90 x 7 = 13.30 50 – 13.30 = $36.70
Q43)	a)180 x 2 = 360 360 + 20 = 380 680 – 380 = 300 300 ÷ 3 = 100 100 + 180 = 280 b)280 – 180 = 100 280 ÷ 2 = 140 140 – 100 = 40
Q44)	4 – 1 = 3 60 – 24 = 36 36 ÷ 3 = 12 12 + 60 = 72
Q45)	a)18 – 12 = 6 10 – 6 = 4 cm b)10 + 4 = 14 22 – 14 = 8 22+18+10+10+8+4+4+12 = 288cm