**Class : Primary 4 SY / C / G / SE / P**

Mathematics Teachers : Mrs Tan / Mdm Sim / Mrs Eng / Mrs Lee

# SINGAPORE CHINESE GIRLS' SCHOOL
# END-OF-YEAR EXAMINATION

24 Oct 2024

## PRIMARY 4

## MATHEMATICS
(BOOKLET A)

Additional materials:
Optical Answer Sheet (OAS)

**Total Time for Booklets A and B: 1 hour 45 minutes**

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**INSTRUCTIONS TO CANDIDATES**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Use a 2B pencil to shade your answers on the Optical Answer Sheet (OAS).

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This booklet consists of 8 printed pages.

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Questions **1** to **15** carry 2 marks each. For each question, four options are given.
One of them is the correct answer. Make your choice (1, 2, 3 or 4) on the Optical Answer Sheet.

(30 marks)

1. In which of the following does the digit 8 stand for 800?

   (1) 7 628
   (2) 7 682
   (3) 7 862
   (4) 8 762

2. 10000 + 5000 + 600 + 4 = _____.

   (1) 15 640
   (2) 15 604
   (3) 15 064
   (4) 10 564

3. 2 and 3 are factors of _____.

   (1) 10
   (2) 12
   (3) 21
   (4) 23

4. Which fraction is **not** in its simplest form?

   (1) $\frac{3}{4}$
   (2) $\frac{4}{5}$
   (3) $\frac{6}{9}$
   (4) $\frac{9}{10}$



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5. Write $6\frac{4}{25}$ as a decimal.

(1) 6.425
(2) 6.4
(3) 6.16
(4) 6.016

6. Arrange these decimals from the smallest to the greatest.

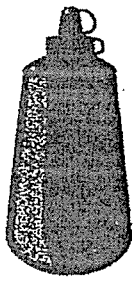
7.3 , 0.73 , 7.03 , 0.75

*(smallest)* *(greatest)*

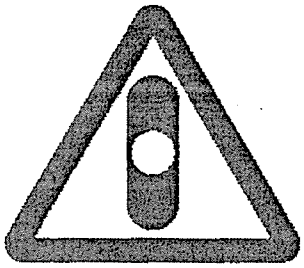
(1) 0.75 , 0.73 , 7.03 , 7.3
(2) 0.73 , 0.75 , 7.03 , 7.3
(3) 0.73 , 7.3 , 7.03 , 0.75
(4) 0.75 , 0.73 , 7.3 , 7.03

7. Which of the following object is **not** symmetrical?

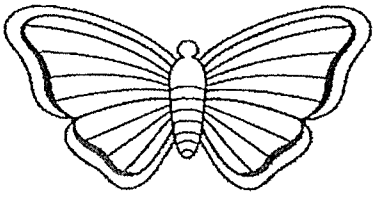
(1)



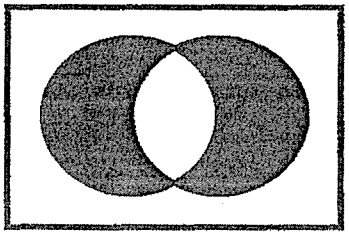
(2)



(3)



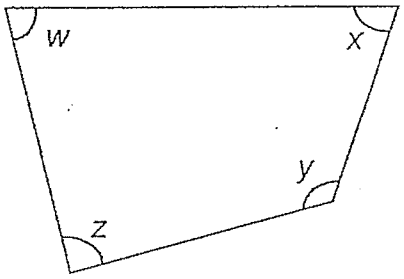
(4)





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8. Which of the following angles in the figure shown below is an obtuse angle?




(1) $\angle w$

(2) $\angle x$

(3) $\angle y$

(4) $\angle z$

9. The mass of a pail of sand is 2.5 kg. It is 30.14 kg lighter than a pile of bricks. What is the mass of the bricks?

(1) 27.64 kg

(2) 29.89 kg

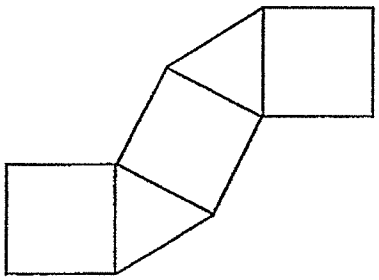
(3) 30.39 kg

(4) 32.64 kg



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10. Identify the net of the geometric figure.



(1) prism
(2) pyramid
(3) cube
(4) cuboid

11. Round off 12.329 $l$ to the nearest tenth.

(1) 12 $l$
(2) 12.3 $l$
(3) 12.4 $l$
(4) 12.34 $l$

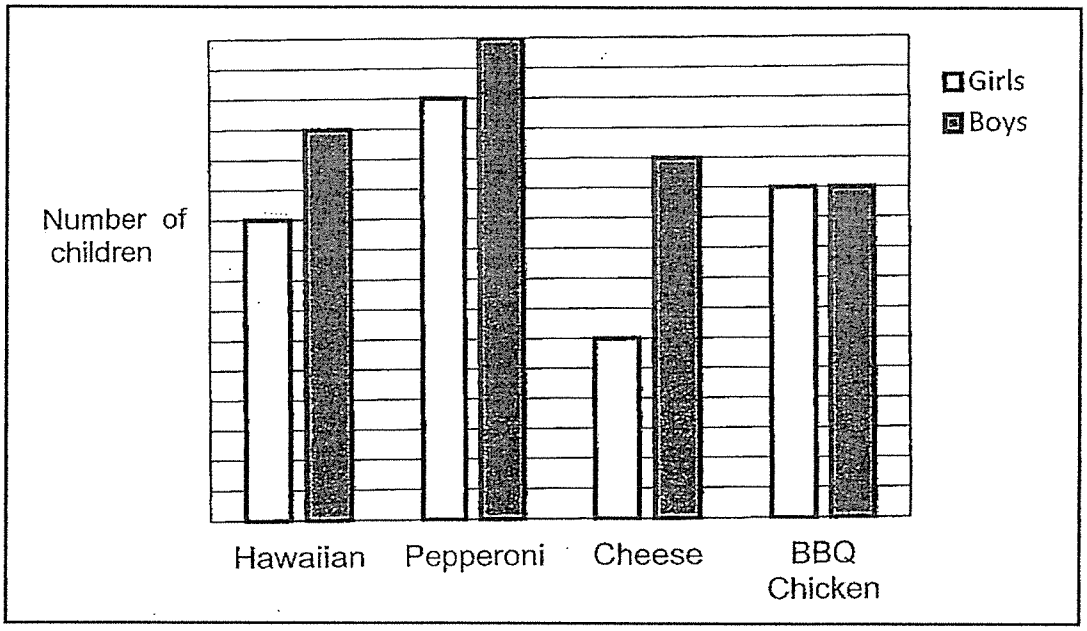


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The bar graph below shows the favourite pizzas of some children.

Study the graph below and answer Question 12 and Question 13.

**My Favourite Pizza**




12. The number of boys who liked _____ pizza was twice the number of girls.

(1) Hawaiian
(2) Pepperoni
(3) Cheese
(4) BBQ Chicken

13. Which of the following sentences best describes the bar graph?

(1) The total number of girls was more than the total number of boys who chose their favourite pizzas.
(2) The number of girls who liked BBQ Chicken pizza was fewer than the number of girls who liked Hawaiian pizza.
(3) The number of boys who chose cheese pizza was the least among all the boys.
(4) Pepperoni was the most popular choice of the children.



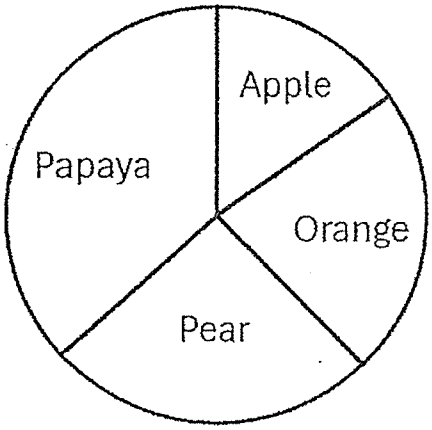
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14. The pie charts below represent the number of fruits in a stall.

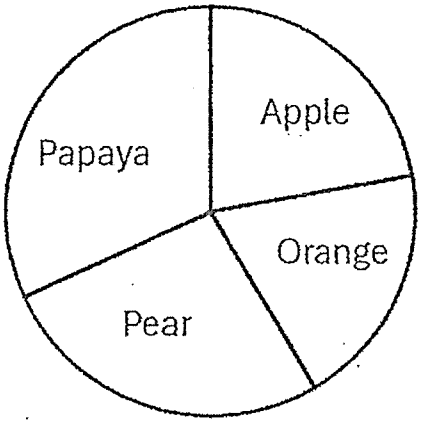
Which of the following pie charts best represents the data in the table?

| | Apple | Orange | Pear | Papaya |
|---|---|---|---|---|
| Number of fruits | 12 | 36 | 30 | 22 |

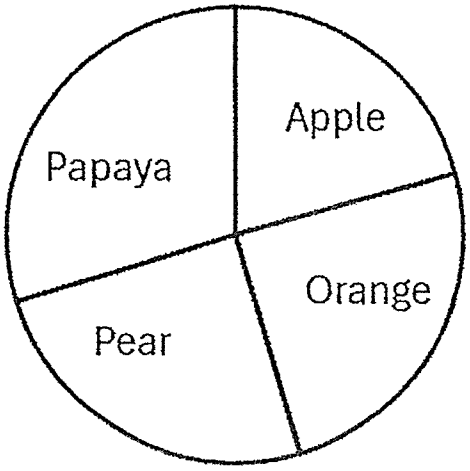
(1)



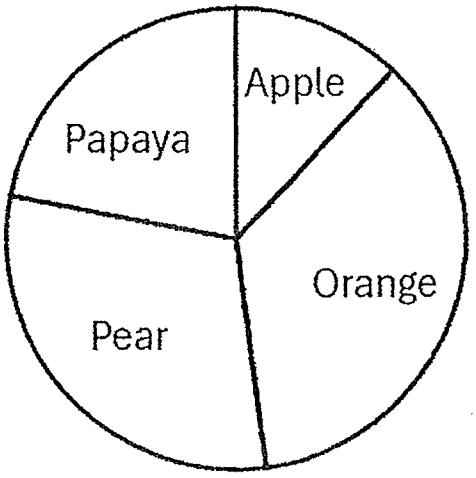

(2)




(3)



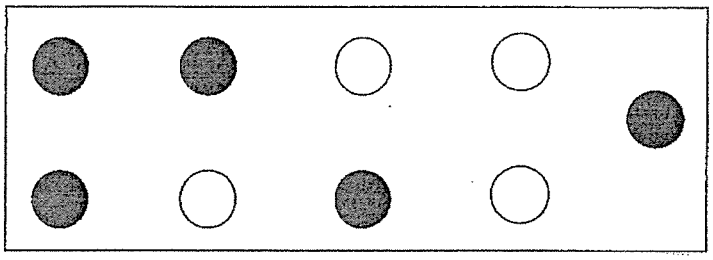

(4)






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15. How many more circles must be shaded such that $\frac{2}{3}$ of the shapes are shaded?



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

**END OF BOOKLET A**



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Name : _____ (  )

Class : Primary 4 SY / C / G / SE / P

Mathematics Teachers : AT / DS / CKY / LXJ

# SINGAPORE CHINESE GIRLS' SCHOOL
# END-OF-YEAR EXAMINATION

24 Oct 2024

## PRIMARY 4

## MATHEMATICS
(BOOKLET B)

**Total Time for Booklets A and B: 1 hour 45 minutes**

## INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Use a dark blue pen to write your answers in the space provided for each question Do not use correction fluid/tape or highlighters.

| | | Max Mark | Marks attained |
|---|---|---|---|
| Booklet A | Section A | 30 | |
| Booklet B | Section B | 40 | |
| | Section C | 30 | |
| Total Marks | | 100 | |

| Parent's Signature |
|---|
| |

This booklet consists of 19 printed pages.

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**Section B: (40 marks)**

**Questions 16 to 35 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.**

16. Round 8325 to the nearest ten.

Ans: _____

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17. How many one-elevenths are there in 1 whole?

Ans: _____

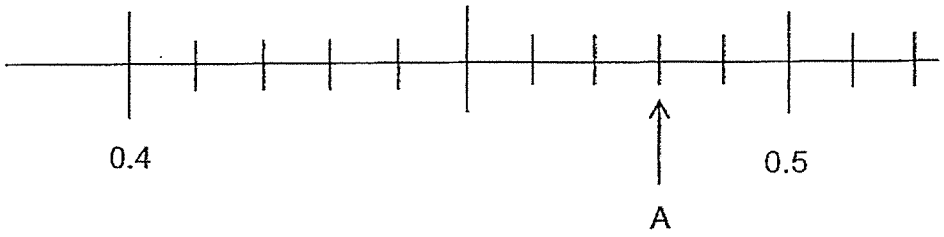
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18. $1 - \frac{1}{8} - \frac{1}{4} =$ _____.

Ans: _____

---

19. Write the decimal represented by A.




Ans: _____

---

8



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20. Find the value of 6.73 x 8.

Ans: _____

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21. 4501 ÷ 7 = _____

Ans: _____

---

22. Write $2\frac{2}{3}$ as an improper fraction.

Ans: _____

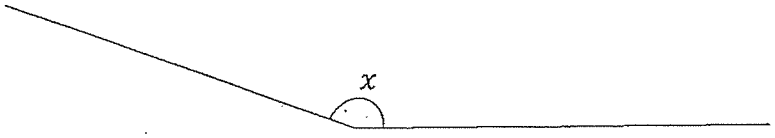
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6



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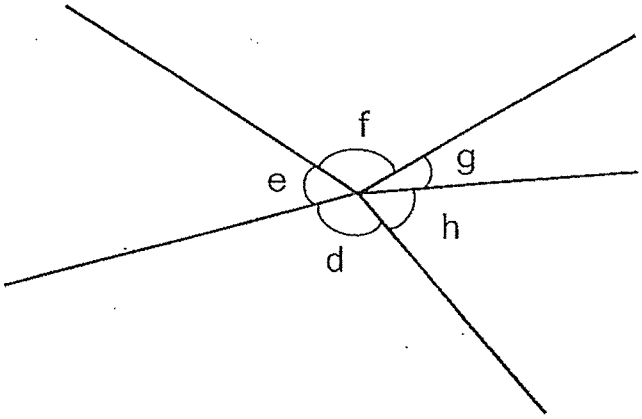
23. Measure and write down the size of $\angle x$.




Ans: _____ °

---

24. Name the two angles that are greater than 90°.




Ans: _____ and _____

---

4



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25. Find the sum of the first 2 common multiples of 4 and 6.

Ans:_____

---

26. After spilling $\frac{2}{3}$ $l$ of water, John has $1\frac{1}{2}$ $l$ of water left.

How much water does he have at first?

Give your answer as a mixed number.

Ans: _____

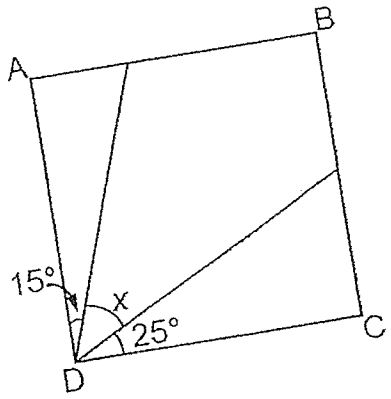
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4



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27. ABCD is a square. Find $\angle x$.

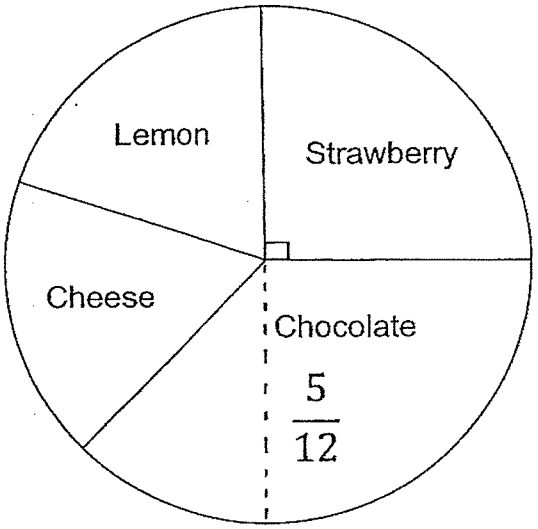



Ans _____

---

28. The pie chart shows the number of cakes sold in a cafe.
There were 120 cakes sold in a day.
The same number of people bought cheese and lemon cakes.
How many people bought cheesecake?

**Cakes sold in a cafe**




Ans _____

---

4



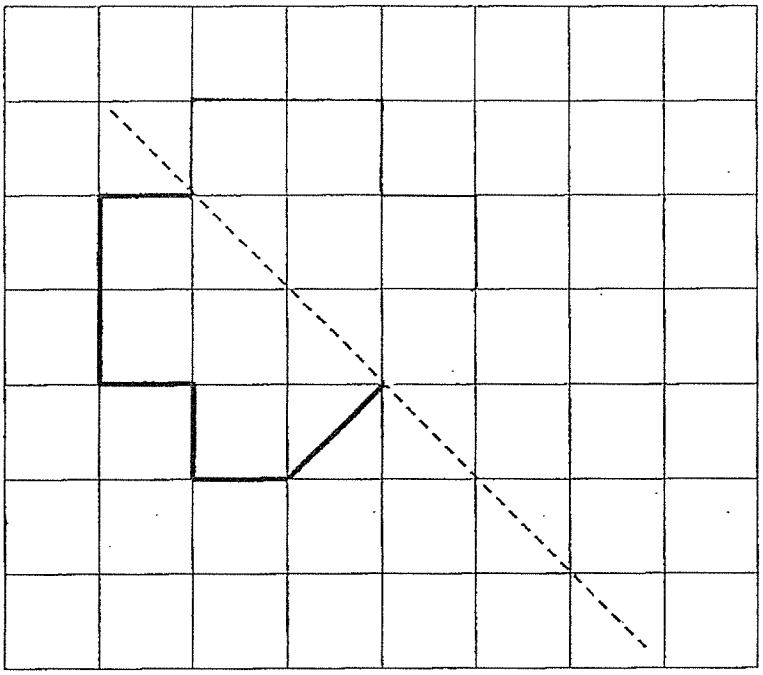
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29. The perimeter of a square is 48 cm.
Find the area of the square.

Ans: _____ $cm^2$

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30. Complete the following figure to make it symmetric.



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4

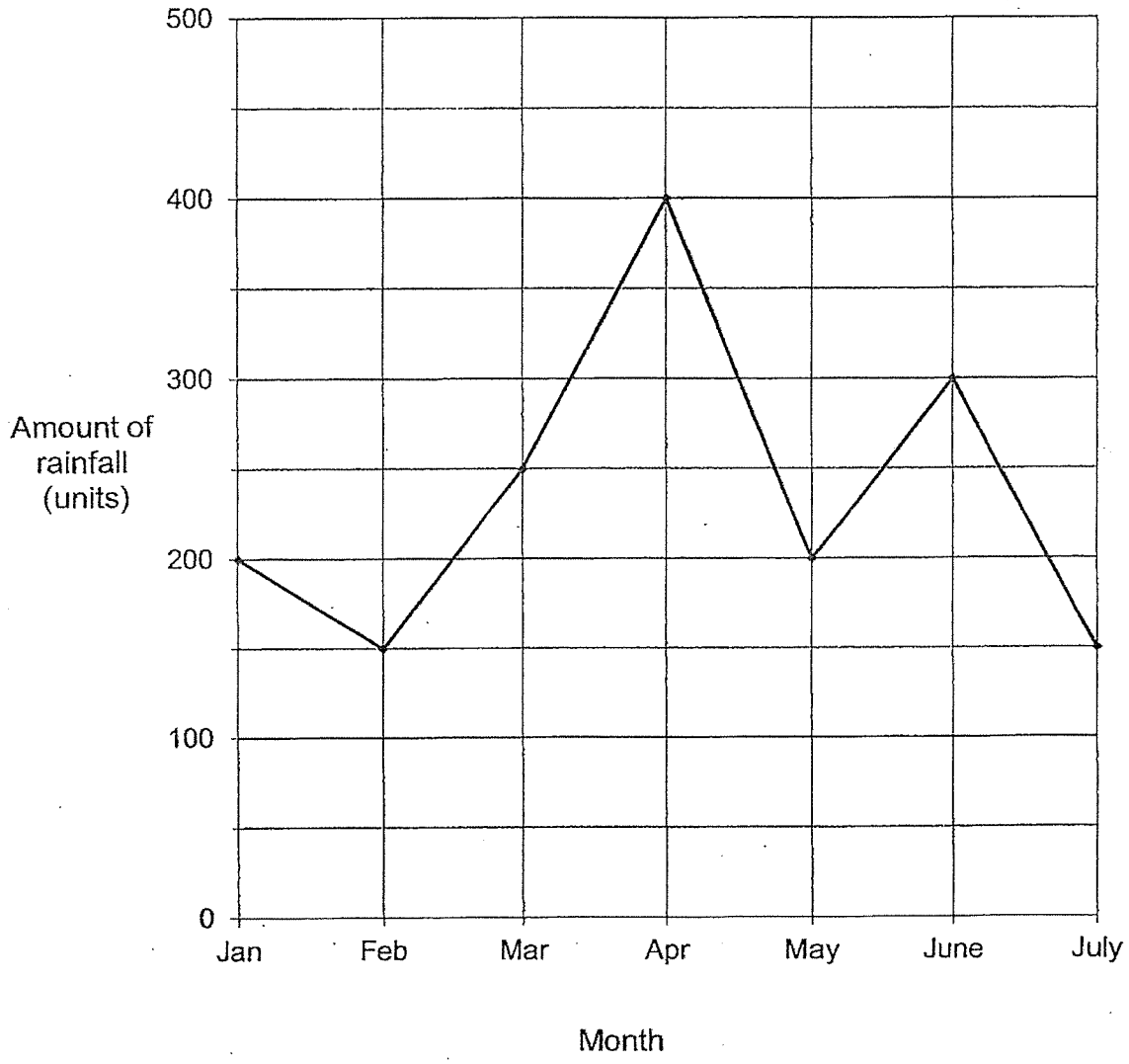


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The following line graph shows the amount of rainfall recorded at the end of each month from January 2024 to July 2024.

Study the graph below and answer Q31 and Q32.

Rainfall Chart






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31. Each of the statements below is either true, false or not possible to tell based on the information given in the graph. For each statement, put a tick to indicate your answer.

| Statement | True | False | Not possible to tell |
|---|---|---|---|
| April is the wettest month. | | | |
| No two months has the same amount of rainfall. | | | |
| The greatest decrease in rainfall is from April to May. | | | |

32. What was the difference between the highest and lowest amount of rainfall as shown on the graph?

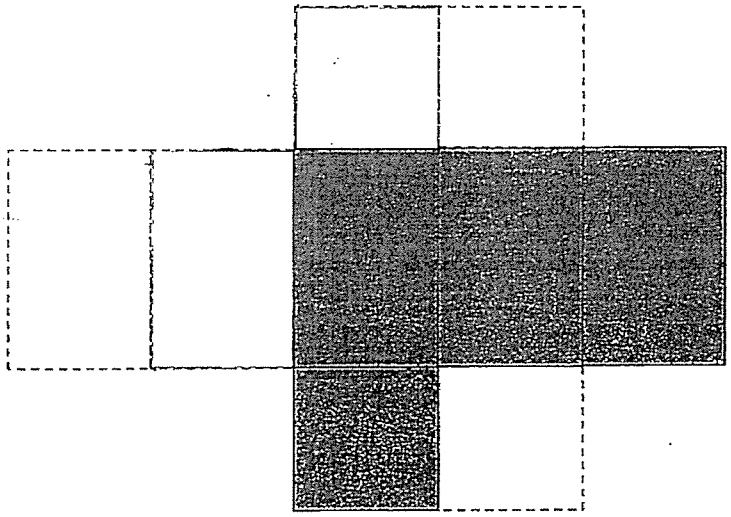
Ans:_____ units

4

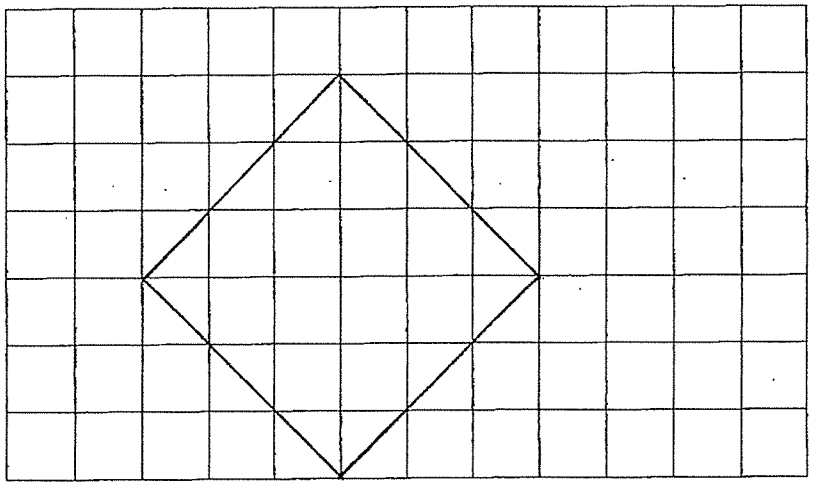


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33. The net of a cuboid drawn below has 2 missing faces. Shade 2 faces to complete the net of the cuboid.



34. Draw three more lines in the grid to complete a square.



4



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35. In a party, the children are told to get into groups to play a game.
If they form groups of 5, there will be 2 children left without a group.
If they form groups of 6, there will be 4 children left without a group.
What is the least number of children at the party?

Ans: _____

---

**End of Section B**

2



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**Section C: (30 marks)**

**For questions 36 to 43, show your working clearly and write your answer in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.**

36. Mrs Tan had $188.70. She spent $39.90 on a blouse.
She gave the rest of the money equally to her 3 children.
How much did each child receive?

Ans: _____ [ 3 ]

3



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37. Katherine bought 10.25 ℓ of fruit juice. She fills them into 9 bottles.
Each bottle is filled with 0.45 ℓ of fruit juice.

a) How much fruit juice will be left?

b) How much did Katherine pay for the fruit juice if it cost $4 per litre?

Ans: (a) _____ [2]

(b) _____ [2]

4



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38. The mass of a bag containing 9 packets of milk is 23.5 kg.
After taking out 4 packets, the mass of the bag and remaining packets of milk is 19.36 kg.
Find the mass of the bag.

Ans: _____ [ 4 ]

4



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39. Tom earned $5670 a month.

He spent $\frac{2}{3}$ of his salary on food and $\frac{1}{9}$ of it on transport.

He saved the rest. How much did he save in a month?

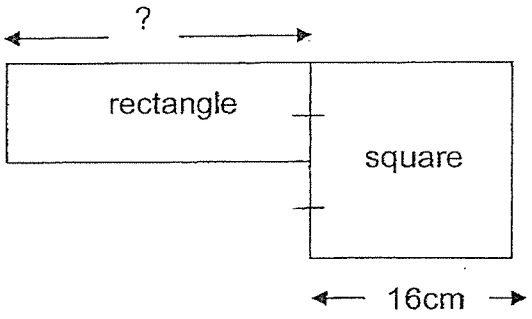
Ans: _____ [4]

4



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40. The total area of the rectangle and square shown below is 400 $cm^2$.
The length of the square is 16 cm.
The length of the square is twice the breadth of the rectangle.
Find the length of the rectangle.




Ans:_____ [4]

4



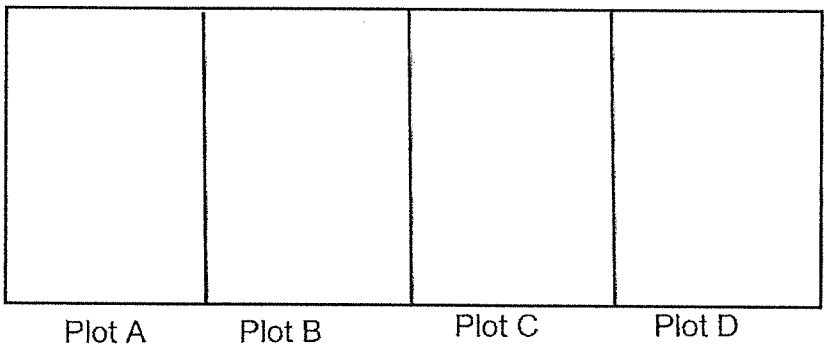
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41. Aminah divided her garden into 4 equal plots, A,B,C and D.

The area of her garden is 240 $m^2$.

$\frac{1}{2}$ of Plot A was planted with tulips and $\frac{1}{4}$ of Plot B was planted with roses.

What fraction of her garden did she plant with tulips and roses?




Ans: _____ [3]

3



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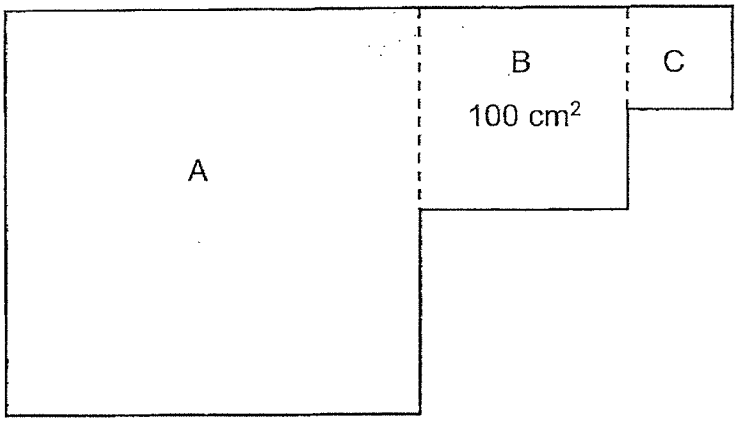
42. Three squares are arranged side by side as shown below.

Square B has an area of 100 $cm^2$.

The length of Square C is half the length of Square B.

The length of Square A is twice the length of Square B.

Find the perimeter of the figure.




Ans: _____ [4]

4



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43. Timmy had 4730 marbles and Ahmad had 1240 marbles at first.
If Timmy gave some marbles to Ahmad, he would have twice as many marbles as Ahmad in the end.
How many marbles did Timmy give Ahmad?

Ans: _____ [4]

4

**End of Booklet B**

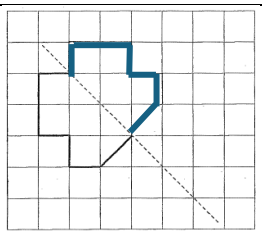
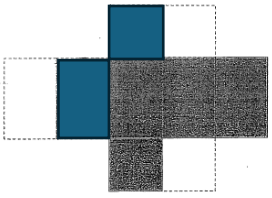
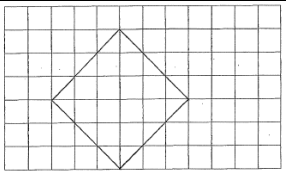


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**SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL**
**LEVEL : PRIMARY 4**
**SUBJECT : MATHEMATICS**
**TERM : 2024 END OF YEAR EXAMINATION**

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 |
|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 4 | 1 |
| Q11 | Q12 | Q13 | Q14 | Q15 | | | | | |
| 2 | 3 | 4 | 4 | 1 | | | | | |

| | | | |
|---|---|---|---|
| 16 | 8330 | 17 | 11 |
| 18 | $\frac{5}{8}$ | 19 | 0.48 |
| 20 | 53.84 | 21 | 643 |
| 22 | $\frac{8}{3}$ | 23 | 160 |
| 24 | F and D | 25 | 36 |
| 26 | $1\frac{3}{6}+\frac{4}{6}=1\frac{7}{6}=2\frac{1}{6}$ | 27 | 15 + 25 = 40<br>90 – 40 = 50 |
| 28 | 20 | 29 | 12 x 12 = 144 |
| 30 |  | 31 | True<br>False<br>True |
| 32 | 400-150 = 250 | 33 |  |
| 34 |  | 35 | 22 |
| 36 | 188.70 − 39.90=148.8<br>148.8 ÷ 3 = 49.60 | 37 | a) 0.45 x 9 = 4.05<br>10.25 - 4.05 = 6.20<br>b) 10.25 x 4 = 41 |

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| | | | |
|---|---|---|---|
| 38 | 4.14 ÷ 4 = 4.035<br>1.035 x 9 = 9.315<br>23.5 – 9.15 = 14.185 | 39 | 5670 ÷ 9 = 630<br>630 x 2 = 1260 |
| 40 | 16 x 16 = 256<br>400 – 256 = 144<br>144 ÷ 8 = 18 | 41 | $\frac{3}{16}$ |
| 42 | 10 ÷ 2 = 5<br>10 x 2 = 20<br>20x3 + 10x3 + 15 + 5 = 110 | 43 | 4730 + 1240 = 5970<br>5970 ÷ 3 = 1990<br>1990 – 1240 = 750 |

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