2022 PRIMARY 4 END-OF-YEAR EXAMINATION

Name: _____ ( ) Date: 27 October 2022

Class: Primary 4 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature: _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for Paper 1 is 1 hour.

Booklet A	20
Booklet B	40
Paper 2	40

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Paper 1 Booklet A
Multiple Choice Questions
Questions **1** to **10** 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).
Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. [20 marks]

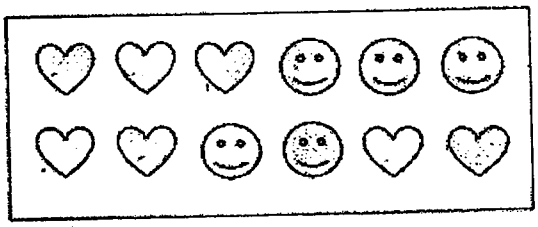
1. The value of the digit 5 in 35 642 is _____.

(1) 50
(2) 500
(3) 5000
(4) 50 000

2. Which of the following is a multiple of both 3 and 7?

(1) 10
(2) 36
(3) 42
(4) 56

3. What fraction of the shapes in the box are ♡ ?



(1) $\frac{7}{5}$
(2) $\frac{5}{7}$
(3) $\frac{5}{12}$
(4) $\frac{7}{12}$

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4. Find the value of $\frac{9}{10} - \frac{2}{5}$.

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

(2) $\frac{7}{10}$

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

(4) $\frac{13}{20}$

5. Write $8\frac{6}{25}$ as a decimal.

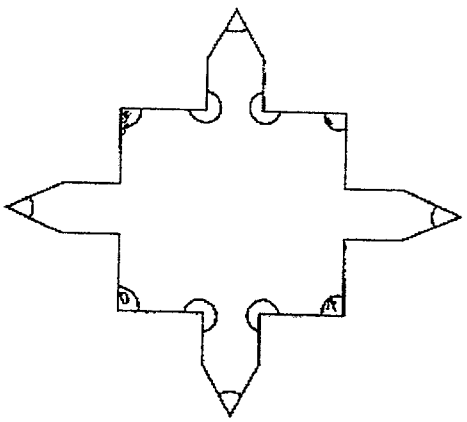
(1) 8.6

(2) 8.24

(3) 8.25

(4) 8.024

6. In the figure, how many of the marked angles are right angles?



(1) 16

(2) 12

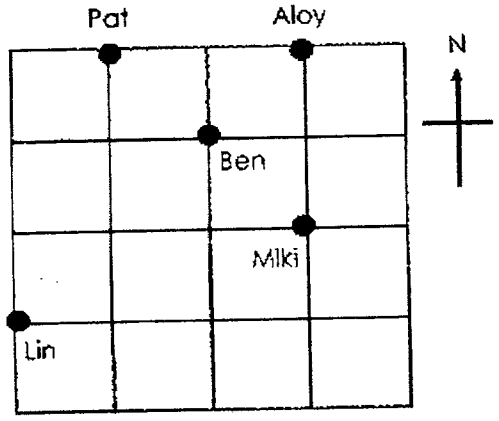
(3) 8

(4) 4

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7. Study the diagram below.



Who is south-east of Ben?

(1) Miki
(2) Pat
(3) Lin
(4) Aloy

8. In the camp programme shown below, each activity leads to another without any break in between.

Start Time	Activity
8.00 a.m.	Sports
9.20 a.m.	Music
10.10 a.m.	Craft
11.20 a.m.	Reading
12 noon	Lunch

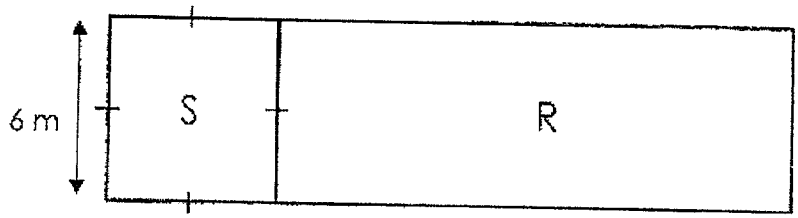
Which activity takes the longest time?

(1) Sports
(2) Music
(3) Craft
(4) Reading

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9. The figure is made up of Square S and Rectangle R.
The area of Rectangle R is three times the area of the Square S.
Find the length of the figure.



(1) 12 m
(2) 18 m
(3) 24 m
(4) 48 m

10. Baker Kim boughi some flour. He used 750 g of it and stored the remaining flour equally into 5 containers. Each container has 450 g of flour. How much flour did Baker Kim buy?

(1) 1200 g
(2) 2250 g
(3) 3000 g
(4) 6000 g

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Paper 1 Booklet B

Short Answer Questions

Questions 11 to 30 carry 2 marks each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. [40 marks]

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

4749, 4999, 5249, _____, 5749

12. What is the remainder when 2087 is divided by 6 ?

13. Write $5\frac{2}{3}$ as an improper fraction.

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14. What is the value of $\frac{7}{9} + \frac{2}{3}$?

Express your answer as a mixed number.

15. Find the value of 9.63×8 .

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

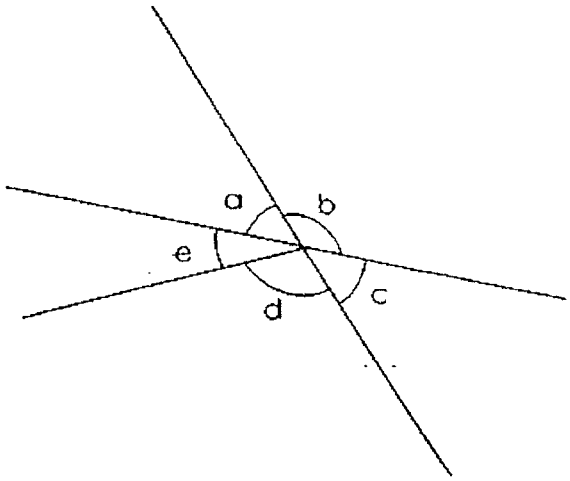
$\frac{4}{5}$, 0.805 , 0.085

(smallest) , (greatest)

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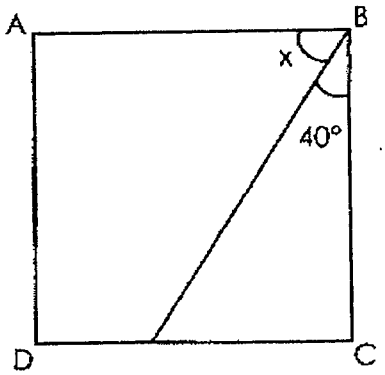
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17. In the figure, name the two angles that are greater than 90°.



∠____ and ∠____

18. ABCD is a square. Find ∠x.



°

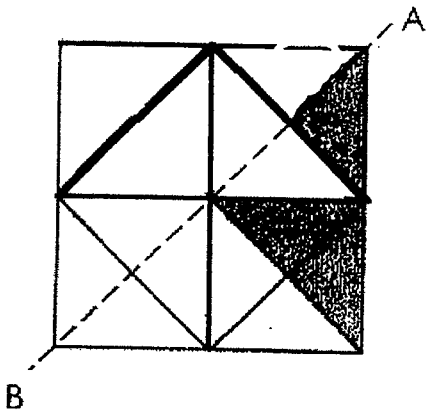
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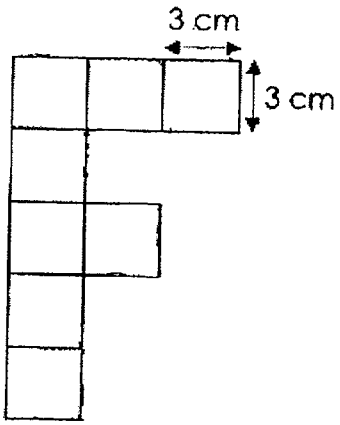
19. Some factors of 18 are 1, 2, 3 and 18.
What are the other two factors of 18?

_____ and _____

20. The dotted line AB is the line of symmetry of the figure below.
Shade 3 triangles to form a symmetric figure.



21. The figure below is made up of 3-cm squares.
The perimeter of the figure is _____.

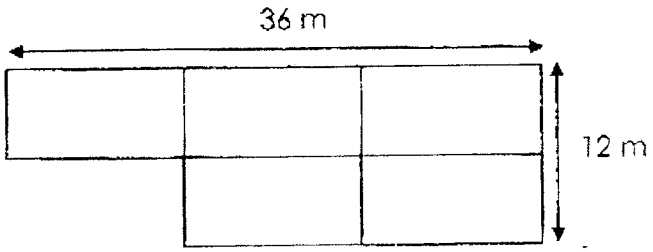


_____ cm

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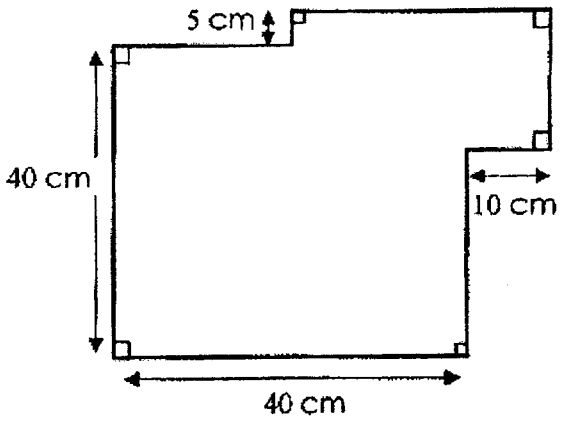
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22. The figure below is made up of 5 identical rectangles.
Find the area of the figure.



m^2

23. Find the perimeter of the figure.



cm

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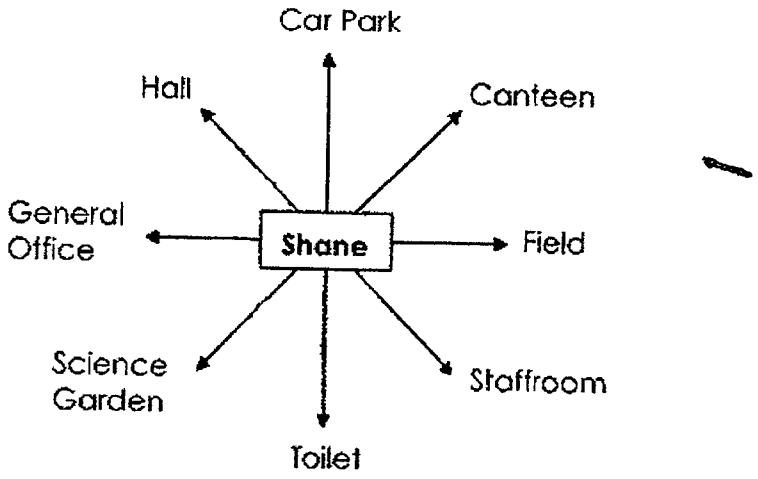
24. Mother went shopping and bought some items.
She paid the cashier $100 and received a change of $15.
She accidentally tore the receipt as shown below.
How much did she pay for the belt?

G 8000 Store
Bedok Centre #B2-08
Receipt No 2366

Dress	$33.90
Shirt	$28.50
Belt	$2
Total	

$ _____

25. Shane is facing the Car Park. He makes a 225° turn anti-clockwise
Then he makes a $\frac{1}{2}$ turn clockwise.
Name the place that he will be facing after making the turns.

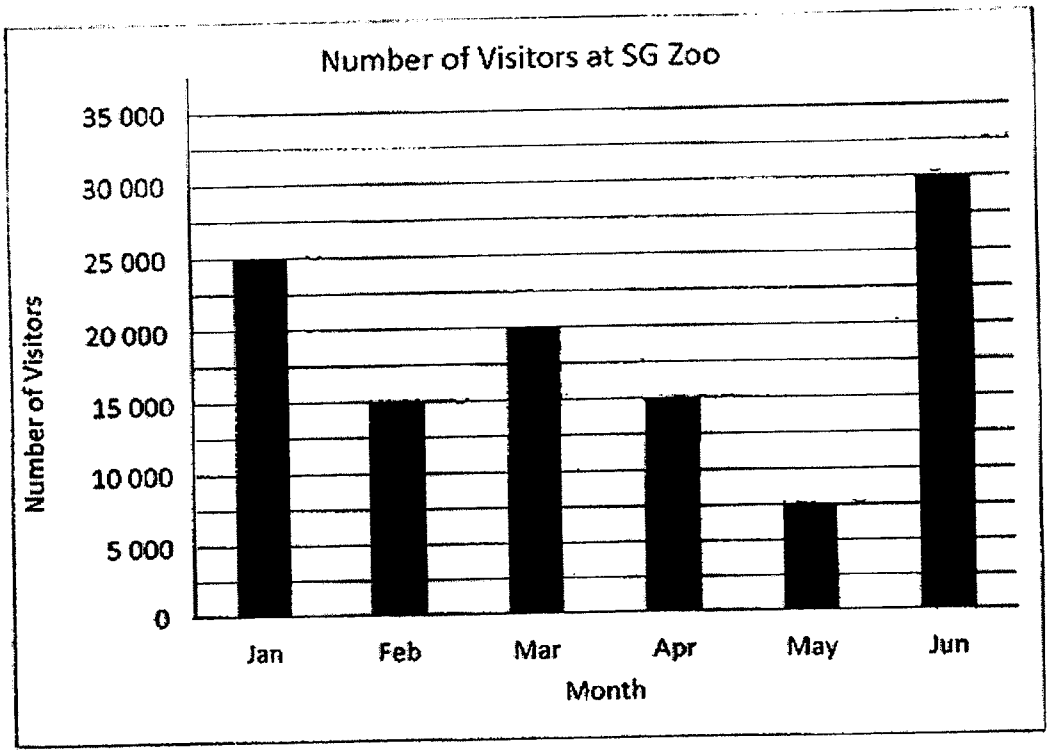


_____

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Use the bar graph below to answer **questions 26 and 27.**

The bar graph shows the number of visitors at SG Zoo from January to June.



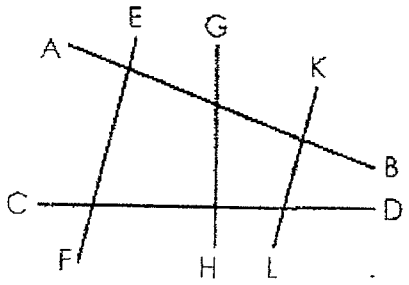
26. Which month has twice as many visitors as in April?

27. How many more visitors went to SG Zoo in March than in May?

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28. Which 2 lines are perpendicular?



_____ and _____

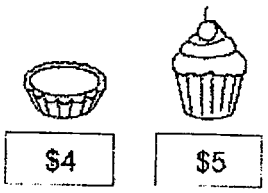
29. The table shows the opening hours of Lee's Clinic on a weekday.

Lee's Clinic Opening Hours
9.00 am to 12 noon
1.45 pm to 5.00 pm
7.00 pm to 9.30 pm

How long is the clinic open on a weekday?

_____ h _____ min

30. Lucy spent a total of $50 on tarts and cupcakes
Each tart cost $4 and each cupcake cost $5.
Find the maximum number of cupcakes Lucy bought.



End of Paper 1

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2022 PRIMARY 4 END-OF-YEAR EXAMINATION

Name: _____ ( ) Date: 27 October 2022

Class: Primary 4 ( ) Time: 11.30 a.m. - 12.30 p.m.

Parent's Signature: _____

MATHEMATICS

PAPER 2

40

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. The duration for Paper 2 is **1 hour**.

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Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. [40 marks]

1. Baker Tom sold 231 cakes in April.

He sold thrice the number of cakes in May.

156 fewer cakes were sold in June than in May.

How many cakes were sold altogether?

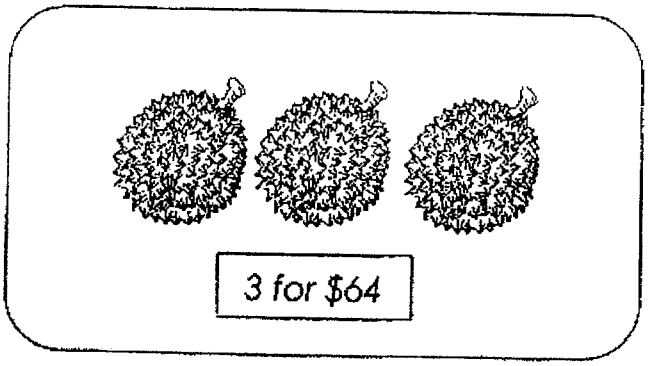
Baker Tom sold _____.

Ans: _____

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2. Durians were sold at 3 for $64.
4 girls bought 9 durians altogether.
They shared the cost equally.
How much did each girl spend?



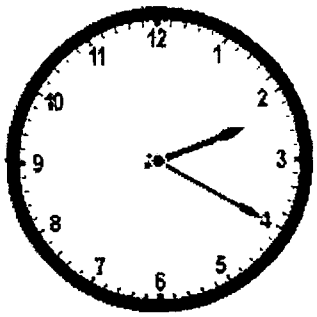
Each girl spent _____.

Ans: _____

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3. Mrs Lim took 10 minutes to walk from her home to the cafe to meet her friends for lunch. They were at the cafe for 2 h 25 min.
Then, Mrs Lim took 10 minutes to walk home.
Mrs Lim reached home at the time shown on the clock below.



(a) Write down the time she reached home.

Ans: (a) _____

(b) What time did she leave home?

Mrs Lim left home _____.

(b) _____

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4. Maria mixed 1.26 ℓ of blue paint and twice as much yellow paint to make green paint. Then, she poured the green paint equally into 5 tins. How much green paint was there in each tin?
Express your answer in ***litres*** *and correct it to 2 decimal places.*

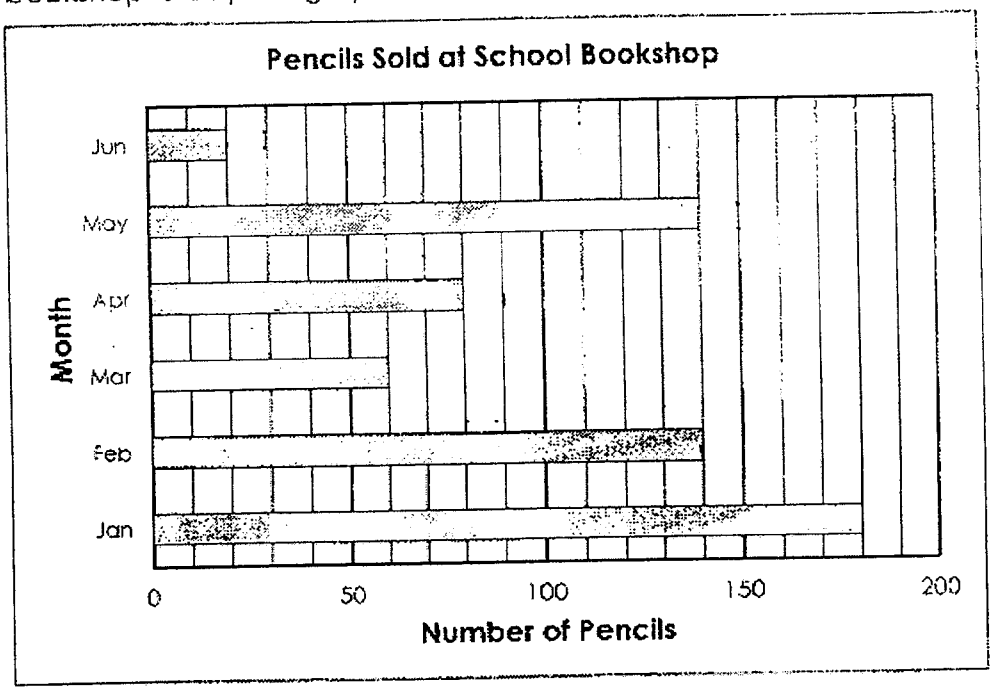
There was _____.

Ans: _____

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5. The bar graph shows the number of pencils sold at the school bookshop. Study the graph carefully and answer (a) and (b).



(a) Express the number of pencils sold in April as a fraction of the total number of pencils sold from April to June. *(Leave your answer in its simplest form.)*

Ans :(a)_____

(b) What is the difference between the greatest and the least number of pencils sold from January to June?

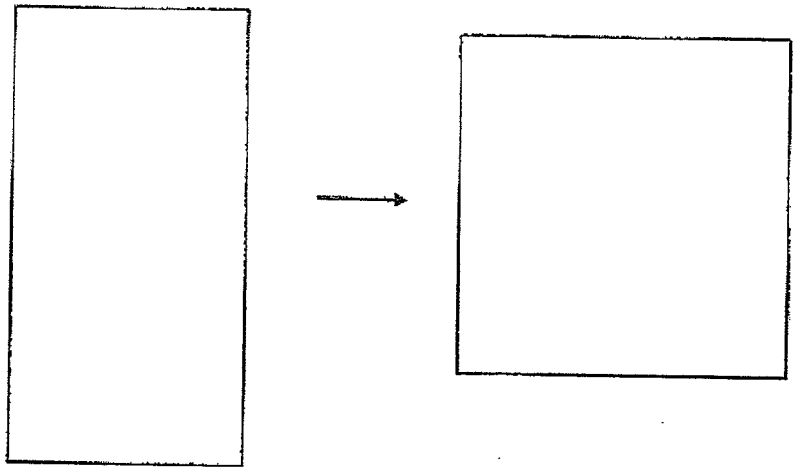
The difference _____

Ans:(b)_____

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6. A piece of wire is bent to form a rectangle 15 cm by 7 cm as shown below. It is then straightened and bent into a square. What is the area of the square?



The area _____

Ans: _____

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7. Raju collects stamps. $\frac{1}{2}$ of his stamps are from Singapore and $\frac{1}{3}$ of them are from Malaysia. The rest are from Australia.

(a) What fraction of Raju's stamps are from Australia?

_____ of Raju's stamps are from Australia.

Ans: (a)_____

(b) Raju has a total of 40 stamps from Singapore and Malaysia.

How many stamps does Raju have altogether?

Raju has _____.

An: (b)_____

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8. 8 years ago, Andrea's grandfather was 7 times as old as she. Now, their total age is 104 years. How old is Andrea now?

Andrea is_____

Ans:_____

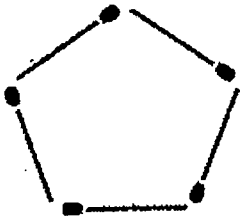
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9. Alice constructed some triangles and pentagons using 28 matchsticks. She made a total of 8 triangles and pentagons.



triangle



pentagon

(a) How many triangles did she make?

She made _____.

Ans: (a) _____

(b) How many pentagons did she make?

She made _____.

Ans: (b) _____

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10. Eric wanted to buy 7 similar pens but he was short of $2.50. He decided to buy 4 of the pens instead and had $5 left.

(a) Find the cost of each pen.

Each pen _____

Ans: (a) _____

(b) How much money did Eric have?

Eric had _____

Ans: (b) _____

End of Paper 2

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LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2022 SA2

BOOKLET A

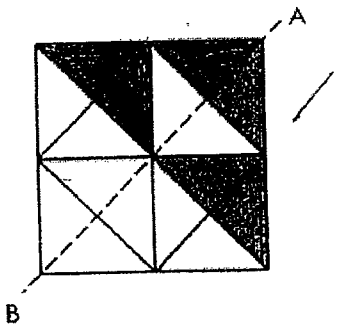
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	4	1	2	4	1	1	3	3

BOOKLET B

Q11)	5499
Q12)	5
Q13)	$\frac{17}{3}$
Q14)	$1\frac{4}{9}$
Q15)	7704
Q16)	0.805 , $\frac{4}{5}$, 0.805
Q17)	< b and < d
Q18)	50°
Q19)	6 and 9

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Q20)	
Q21)	54 cm
Q22)	360 m2
Q23)	45 + 50 = 90 95 x 2 = 190 cm
Q24)	$22.60
Q25)	Hall
Q26)	June
Q27)	20000 – 7500 = 12500
Q28)	CD and GH
Q29)	8h 45min
Q30)	6 cupcakes

Paper 2

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Q1)	$231 \times 3 = 693$ $231 - 156 = 75$ $231 \times 2 = 462$ $462 + 75 = 537$ $693 + 537 + 231 = 1461$ Baker Tom sold 1461 cakes.
Q2)	$64 \times 3 = 192$ $192 \div 4 = 48$ Each girl spent \$48
Q3)	a)2:20p.m. b)11:35a.m.
Q4)	$1.26 \times 3 = 3.78$ $3.78 \div 5 = 0.756$ $0.756 \sim 0.76$ There was 0.76L in each tin.
Q5)	a)$140 + 80 + 20 = 240$ $\frac{80}{240} = \frac{1}{3}$ b)$180 - 20 = 160$ The difference is 160 pencils.
Q6)	$7 \times 2 = 14$ $15 \times 2 = 30$

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	$30 + 14 = 44$ $44 \div 4 = 11$ $11 \times 11 = 121$ The area 121 cm2
Q7)	a) $\frac{1}{2} = \frac{3}{6}$ $\frac{1}{3} = \frac{2}{6}$ $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$ $\frac{6}{6} - \frac{5}{6} = \frac{1}{6}$ $\frac{1}{6}$ of Raju's stamps are from Australia b)$40 \div 5 = 8$ $8 \times 6 = 48$ Raju has 48 stamps altogether.
Q8)	$8 \times 2 = 16$ $104 - 16 = 88$ $88 \div 8 = 11$ $11 + 8 = 1`9$ Andrea is 19 year old now.
Q9)	a) Assume all are pentagon $8 \times 5 = 40$ $40 - 28 = 12$

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	5 – 3 = 2 12 ÷ 2 = 6 She made 6 triangles b)8 – 6 = 2 She made 2 pentagon
Q10)	a)$2.50 + $5 = $7.50 Each pen $2.50 b)$2.50 x 4 = $10.00 $10 + $5 = $15 Eric had $15

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