Anglo-Chinese School
(Primary)

A Methodist Institution
(Founded 1886)

2024 END-OF-YEAR EXAMINATION
MATHEMATICS
BOOKLET A
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: 22 October 2024 Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 11 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answers on the Optical Answer Sheet (OAS) provided.

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Section A

Questions **1** to **15** carry 2 marks each. For each question, four options are given. Choose the correct option and shade its oval (1, 2, 3 or 4) in the Optical Answer Sheet provided. (30 marks)

---

1. 12 thousands and 7 tens is the same as _____.

   (1) 127

   (2) 1207

   (3) 12 070

   (4) 12 700

2. Which number when rounded to the nearest ten becomes 36 500?

   (1) 36 498

   (2) 36 505

   (3) 36 512

   (4) 36 524

3. Express $4\frac{3}{25}$ as a decimal.

   (1) 4.012

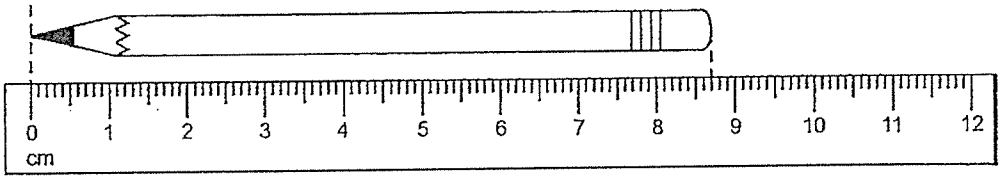
   (2) 4.325

   (3) 4.12

   (4) 4.65

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4. What is the length of the pencil in cm?



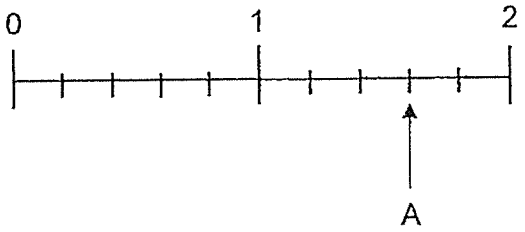
(1) 8.3 cm

(2) 8.7 cm

(3) 9.3 cm

(4) 9.7 cm

5. Which mixed number is represented by A in the number line shown?



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

(2) $1\frac{3}{5}$

(3) $2\frac{1}{5}$

(4) $2\frac{3}{5}$

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6. How many one-thirds are there in 5 wholes?

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

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

(3) 3

(4) 15

7. Ahmad and Bala had 180 erasers altogether.
Bala had three times as many erasers as Ahmad.
How many more erasers did Bala have than Ahmad?

(1) 45

(2) 60

(3) 90

(4) 120

8. The first two common multiples of 6 and 8 are _____.

(1) 1 and 2

(2) 2 and 4

(3) 12 and 24

(4) 24 and 48

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9. The table shows the number of students who wear and do not wear spectacles in two Primary 4 classes.

Class	Number of girls		Number of boys		Total
	Wear spectacles	Do not wear spectacles	Wear spectacles	Do not wear spectacles	
Primary 4Q	9	8	11	12	40
Primary 4R	12	6	10	13	41

How many students from both classes wear spectacles?

(1) 46

(2) 42

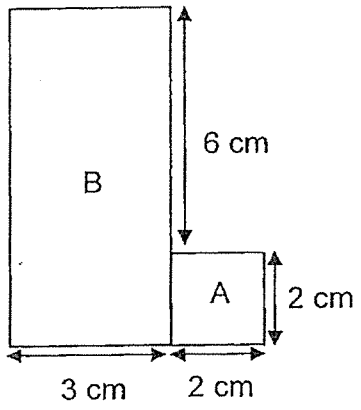
(3) 39

(4) 35

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10. The figure shown is made up of a square A and a rectangle B.

Find the area of the figure.



(1) 22 cm^2

(2) 26 cm^2

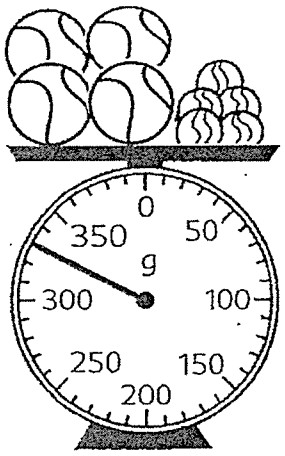
(3) 28 cm^2

(4) 40 cm^2

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11. The total mass of 4 similar tennis balls and 5 similar marbles is as shown in the diagram. Each tennis ball has a mass of 65 g.

What is the total mass of the 5 marbles?



(1) 14 g

(2) 70 g

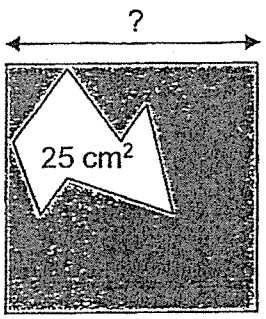
(3) 260 g

(4) 330 g

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12. In the figure below, $\frac{3}{4}$ of the square is shaded. The unshaded area is 25 cm^2.

Find the length of the square.



(1) 5 cm

(2) 10 cm

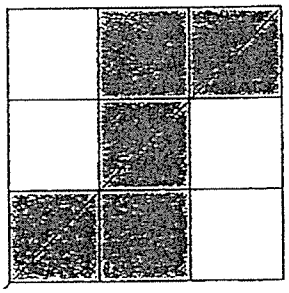
(3) 75 cm

(4) 100 cm

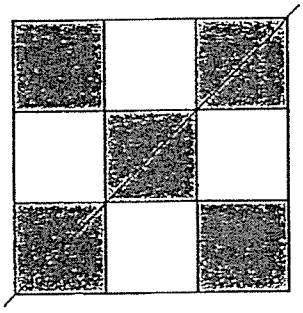
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13. Which of the following figures does not have a line of symmetry?

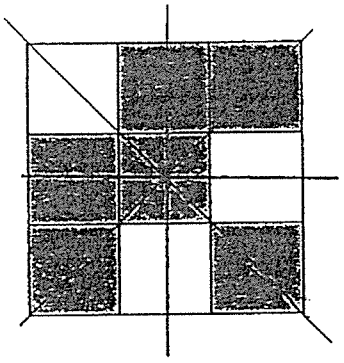
(1)



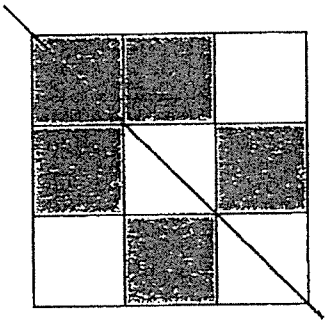
(2)



(3)

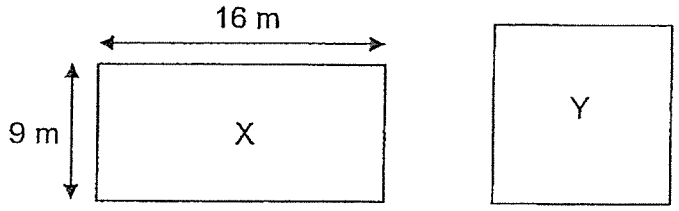


(4)



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14. The diagram below shows Rectangle X and Square Y. Rectangle X and Square Y have the same area. What is the perimeter of Square Y?



(1) 12 m

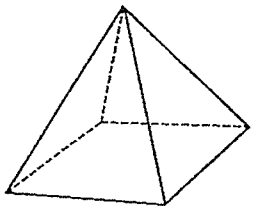
(2) 48 m

(3) 50 m

(4) 144 m

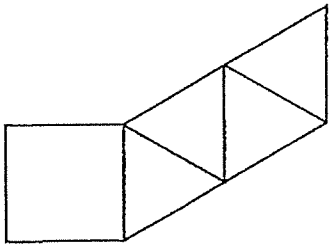
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15. This solid is a pyramid.

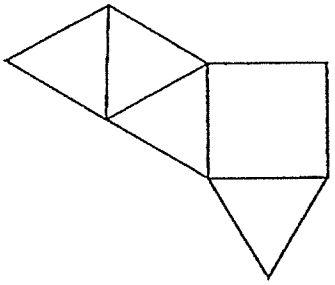


Which of the following is <u>not</u> a net of this pyramid?

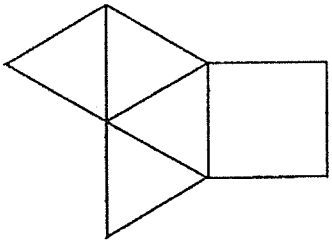
(1)



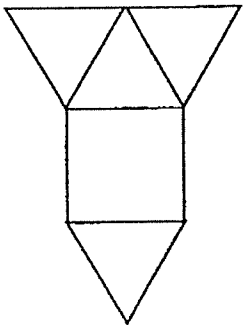
(2)



(3)



(4)



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Anglo-Chinese School (Primary)

A Methodist Institution
(Founded 1886)

2024 END-OF-YEAR EXAMINATION
MATHEMATICS
BOOKLET B
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ____

Date: 22 October 2024 Duration of Booklets A & B: 1 hour 45 minutes

_____
Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of **18** printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	30	
B. Short Answers	40	
C. Problem Sums	30	
Total Marks	100	

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Section B

Questions **16** to **35** carry 2 marks each. Show all workings and mathematical statements clearly in the space below each question. Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

(40 marks)

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16. 76 509 = 70 000 + 6000 + _____?_____ + 9

What is the missing number?

Answer: _____

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

14 000 , 13 400 , 12 800 , 12 200 , _____ , 11 000

Answer: _____

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

$\frac{4}{5}$ 0.405 0.045

Answer: _____ , _____ , _____
(smallest)

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19. What is the remainder when 3079 is divided by 8?

Answer: _____

20. Tony listed the factors of 81 below.

1, 3, 81

He missed out two factors. What are the two missing factors?

Answer: _____ and _____

21. What is the value of $\frac{5}{8} + \frac{3}{4}$?

Express your answer as a mixed number.

Answer: _____

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The table below shows the number of vanilla and chocolate muffins sold from last Thursday to Sunday. Use the information provided in the table to answer questions 22 and 23.

Days	Vanilla	Chocolate
Thursday	35	45
Friday	51	73
Saturday	82	102
Sunday	88	120

22. How many vanilla muffins were sold on all four days?

Answer: _____

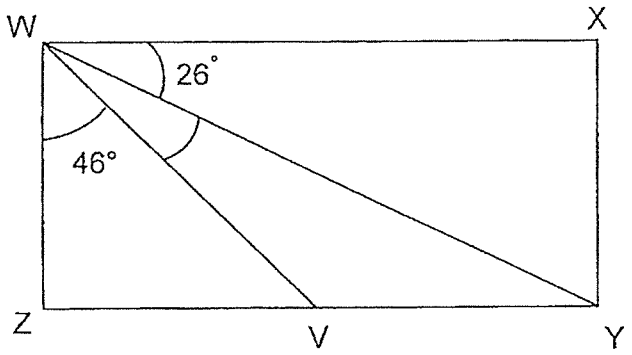
23. What fraction of the muffins sold on Sunday was chocolate?

Give your answer in the simplest form.

Answer: _____

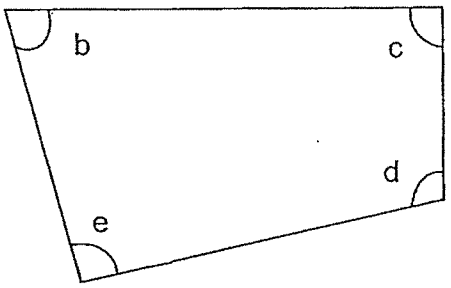
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24. WXYZ is a rectangle. Find ∠VWY.



Answer: _____°

25. One of the angles is a right angle. Name the angle.



Answer: ∠ _____

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26. What is the value of $5 - \frac{7}{11}$?

Express your answer as an improper fraction.

Answer: _____

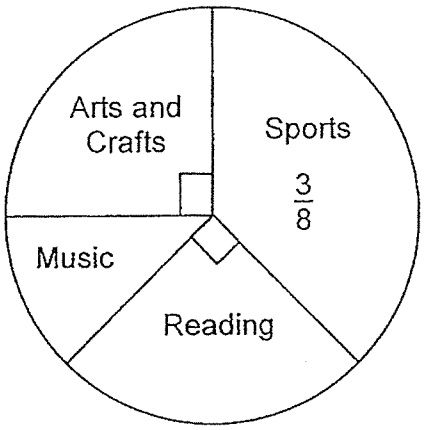
27. There were twice as many women as men at a carnival. After 180 women left the carnival, the number of men was twice the number of women who remained. How many men were there?

Answer: _____

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28. The pie chart shows the favourite hobbies of students in ABC Primary School.

540 students play Sports. Find the number of students who play Music.



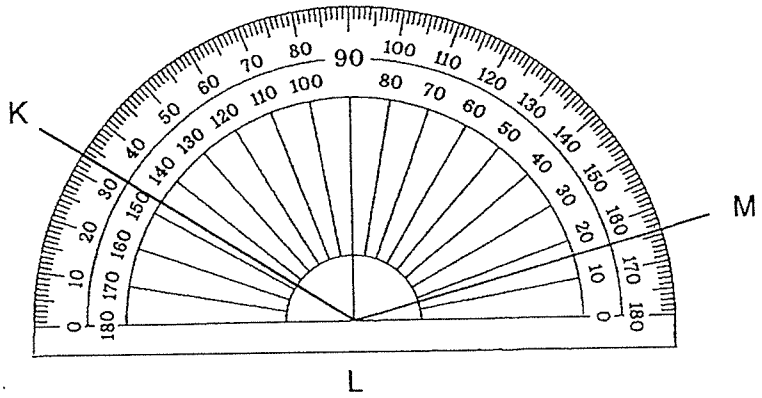
Answer: _____

29. Round 599.83 to the nearest whole number.

Answer: _____

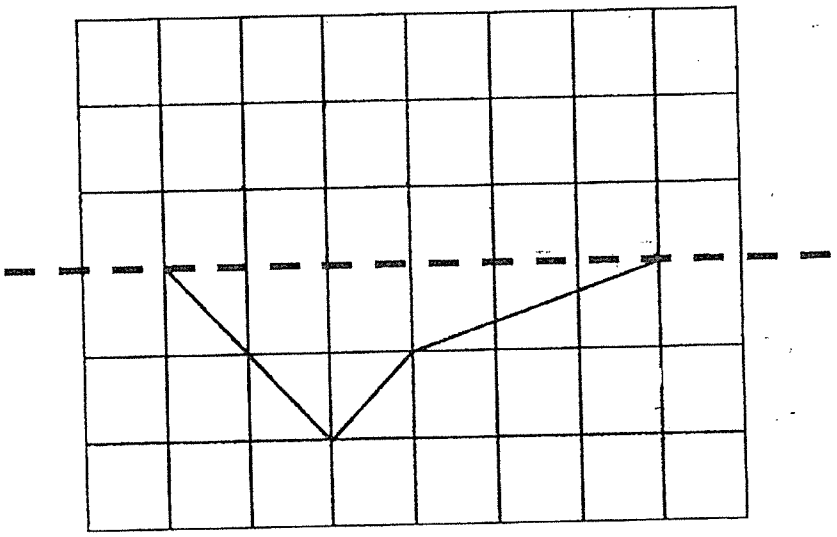
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30. Write down the size of ∠KLM.



Answer: _____ °

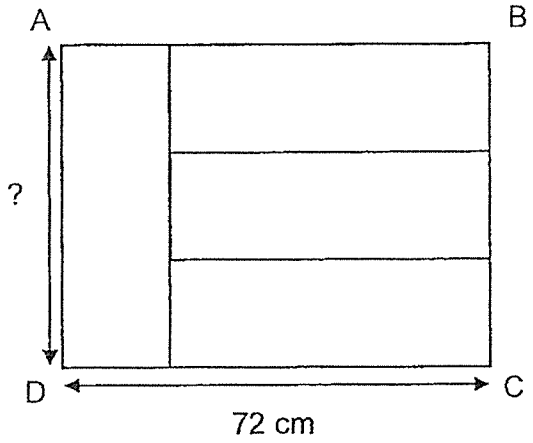
31. The dotted line is the line of symmetry.
Complete the figure to make it symmetric.



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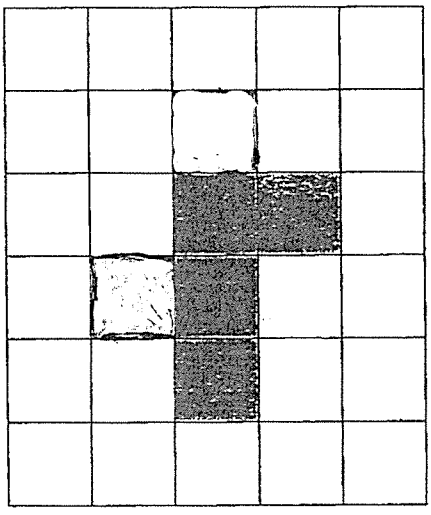
32. The figure below is made up of 4 identical rectangles. DC measures 72 cm.

What is the length of AD?



Answer: _____ cm

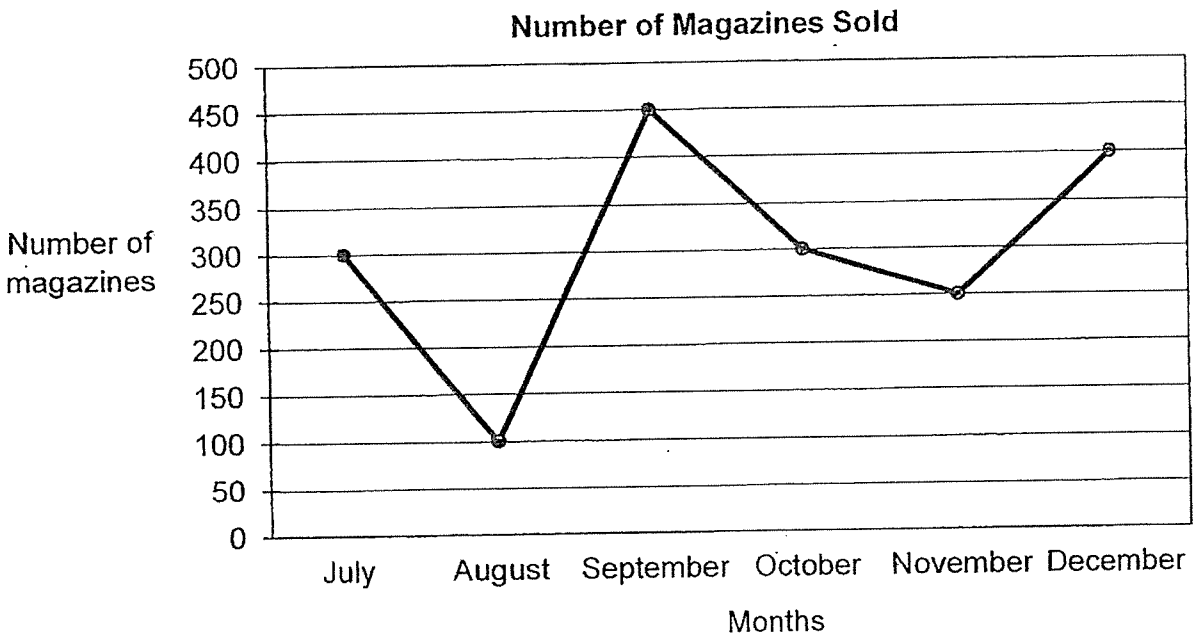
33. Shade 2 more squares to complete the nets of a cube.



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Study the graph below carefully and answer questions 34 and 35.

The line graph below shows the number of magazines sold by Shop A from July to December.



34. Which 1-month period had the least decrease in the number of magazines sold?

Answer: _____ to _____

35. How many more magazines were sold in September than in August?

Answer: _____

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Section C

For each question from **36** to **43**, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [ ].

(30 marks)

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36. A crate weighs 36 kg when it is completely filled with sand.

    It weighs 12 kg when it is $\frac{1}{4}$ filled with sand.

    What is the mass of the crate when it is empty?

Answer: _____ [3]

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37. Muthu has fewer than 50 comic books.

If he gives all his comic books equally to 7 friends, there will be 3 comic books left.

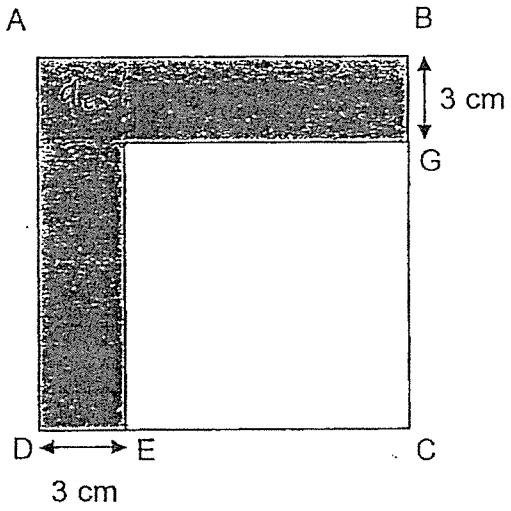
If he gives all his comic books equally to 9 friends, he will have no comic books left.

How many comic books does Muthu have?

Answer: _____ [3]

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38. The figure below is made up of two squares ABCD and FGCE. The length of DE and BG measure 3 cm each. Given that the area of the FGCE is 64 cm^2, what is the perimeter of the shaded region?



Answer: _____ [4]

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39. Mrs Lim bought some highlighters in different colours.

$\frac{1}{5}$ of the highlighters were blue and $\frac{3}{10}$ were yellow.

The rest of the highlighters were green.

(a) What fraction of the highlighters were green?
Give your answer in its simplest form.

Answer: (a) _____ [2]

(b) Mrs Lim bought 48 yellow highlighters. How many highlighters did she buy altogether?

Answer: (b) _____ [2]

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40. Gordon had 9 bags of flour. Each bag contained 12.25 kg of flour.

(a) How much flour did Gordon have altogether?

Answer: (a) _____ [2]

(b) Gordon bought another 24.75 kg of flour. He then repacked all the flour equally into smaller packets. If each smaller packet contained 3 kg of flour, how many smaller packets of flour did Gordon pack?

Answer: (b) _____ [2]

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41. Shirley had a total of twenty-six $5 notes and $10 notes. The total value of the notes was $180. How many more $5 notes than $10 notes did she have?

Answer: _____ [4]

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42. Farah had three times as much sugar as Linda. Farah used 27.5 kg of sugar and Linda used 3.5 kg of sugar. Both had an equal amount of sugar left.

(a) How many kilograms of sugar did Linda have at first?

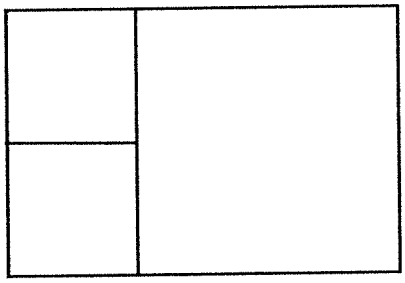
Answer: (a) _____ [2]

(b) How many kilograms of sugar did Farah have in the end?

Answer: (b) _____ [2]

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43. The figure below is made up of 2 identical small squares and 1 large square. The perimeter of the figure is 120 cm. Find the area of the whole figure.



Answer: _____ [4]

End – of – Paper

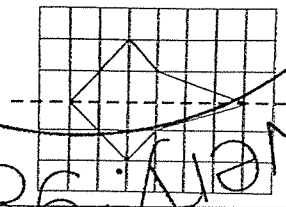
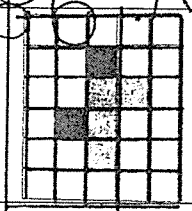
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YEAR : 2024
LEVEL : PRIMARY 4
SCHOOL : ANGLO CHINESE PRIMARY SCOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

BOOKLET A

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

BOOKLET B

Q16	500	Q17	11600
Q18	0.045,0.405,$\frac{4}{5}$	Q19	$3079 \div 8 = 384R7$ Ans: 7
Q20	27 and 9	Q21	$\frac{3x2}{4x2} = \frac{6}{8}$ $\frac{5}{8} + \frac{6}{8} = \frac{11}{8} = 1\frac{3}{8}$
Q22	35+51=86 86+82=168 168+88=256	Q23	88+120=208 $\frac{108}{208} = \frac{60}{104} = \frac{15}{26}$
Q24	26+46=72 90-72=18°	Q25	$\angle C$
Q26	$4\frac{11}{11} - \frac{7}{11} = 4\frac{4}{11} = \frac{48}{11}$	Q27	$180 \div 3 = 60$ 60x2=120
Q28	$540 \div 3 = 180$	Q29	600
Q30	164-33=131	Q31	
Q32	$72 \div 4 = 18$ 72-18=54	Q33	
Q34	300-250=50 Ans: Oct to Nov	Q35	450-100=350
Q36	36-12=24 $24 \div 3 = 8$	Q37	$45 \div 9 = 5$ Ans: 9 45

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	8x4=32 36-32=4 kg.		
Q38	8+3=11 11x4=44	Q39	a) $\frac{10}{10}-\frac{2}{10}-\frac{3}{10}=\frac{5}{10}=\frac{1}{2}$ b) $48\div 3=16$ 48-16=32 32x5=160
Q40	a)12.25x9=110.25 b)110.25+24.75=135 $135\div 3=45$	Q41	26x10=260 260-180=80 10-5=5 $80\div 5=16$ 26-16=10 16-10=6
Q42	a) 27.5-3.5=24 $24\div 2=12$ b) 12-3.5=8.5kg	Q43	$120\div 10=12$ 12x12=144 144x6=864

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END

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