403 / SA2 / 21

SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2015

PRIMARY 4

MATHEMATICS

BOOKLET A

Name _____( )

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

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 6 printed pages. (Inclusive of cover page)

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Section A: (30 marks)

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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. 14 thousands and 5 tens is the same as _____.

(1) 1450
(2) 14 005
(3) 14 050
(4) 14 500

2. 74 960 rounded off to the nearest hundred is _____.

(1) 74 000
(2) 75 000
(3) 74 900
(4) 75 960

3. Which of the following is a factor of both 36 and 60?

(1) 4 and 5
(2) 3 and 9
(3) 6 and 15
(4) 4 and 12

4. What is the missing number in the box?

$$6\frac{4}{9} = \frac{\square}{9}$$

(1) 10
(2) 24
(3) 50
(4) 58

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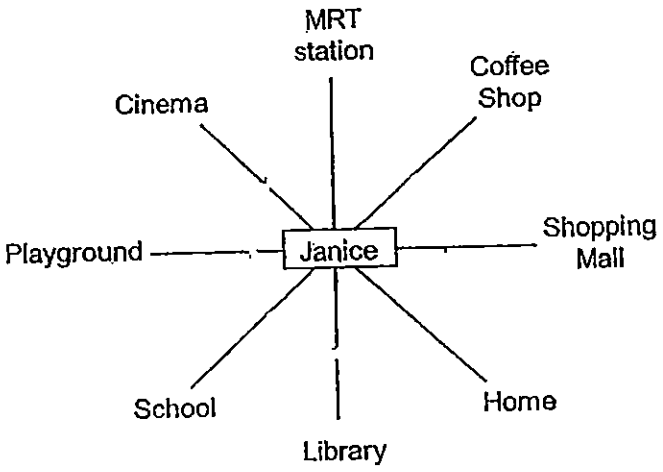
5. Express $6\frac{3}{20}$ as a decimal.

(1) 6.32
(2) 6.3
(3) 6.15
(4) 6.015

6. Round off 413.85 to 1 decimal place.

(1) 413.0
(2) 413.8
(3) 413.9
(4) 414.0

7. Janice is facing the coffee shop. She makes a 270° turn in a clockwise direction and then a 45° turn in an anti-clockwise direction. Where will she be facing now?



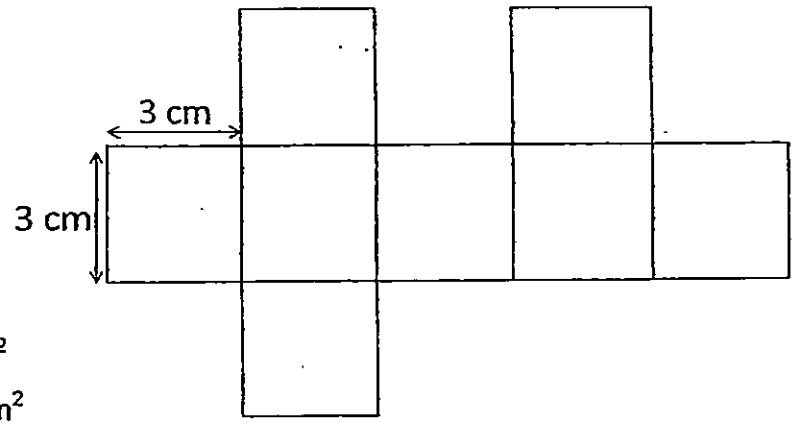
1) Cinema
2) Shopping Mall
3) MRT station
4) Playground

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8. I am a number between 1 to 70. I am a multiple of 4 and 6. When I am divided by 5, there will be a remainder of 1.

1) 36
2) 42
3) 48
4) 66

9. The figure below is made up of 3-cm squares. What is the area of the figure?



(1) 8 cm^2
(2) 24 cm^2
(3) 48 cm^2
(4) 72 cm^2

10. 8 similar pizzas were shared equally among 5 children. What fraction of the pizzas did 2 children receive?

(1) $\frac{5}{8}$

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

(3) $1\frac{1}{4}$

(4) $3\frac{1}{5}$

11. An exercise book cost twice as much as a file. Siti paid $4.50 for 2 books and 1 file. Find the cost of 1 file.

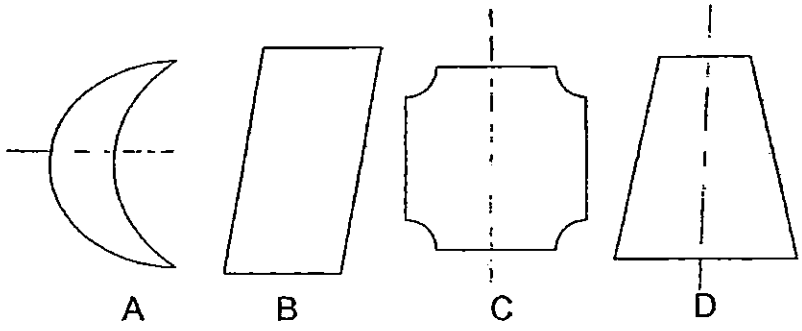
(1) $0.90
(2) $1.50
(3) $1.80
(4) $3.00

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12. Jeremy took a flight to Perth from Singapore and arrived at 05 30. If the journey took him 5 h 40min, at what time did the plane take off from Changi Airport?

(1) 11 50
(2) 11 10
(3) 23 50
(4) 23 10

13. Which of the following is not a symmetric figure?



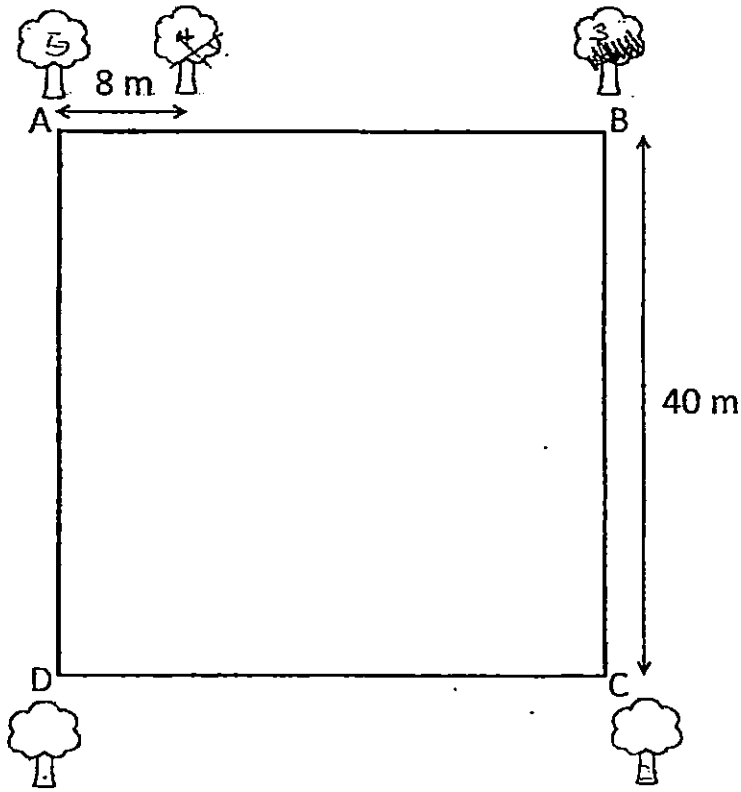
1) A
2) B
3) C
4) D

14. Stephanie has $2\frac{11}{12}$m of ribbon. She has $1\frac{2}{3}$m of ribbon less than Molly. What is the length of ribbon Molly has? Give your answer in its simplest form.

1) $1\frac{1}{4}$ m
2) $3\frac{7}{12}$ m
3) $3\frac{13}{15}$ m
4) $4\frac{7}{12}$ m

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15. A square garden has a side of 40 m. An equal number of trees were planted on each side of the square. Each tree is 8m away from the next tree. One tree was already planted at points A, B, C and D of the square respectively. How many more trees must be planted?



(1) 16

(2) 20

(3) 24

(4) 28

End of Section A

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SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2015

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____ **( )**

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

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

Parent's Signature

There are 28 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

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ANSWER ALL QUESTIONS.

This question paper consists of 13 printed pages. (Inclusive of cover page)

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Do not write
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Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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

3639 , 3929 , 4219 , _____ , 4799 , 5089

Ans: _____

17. Find the product of 1578 and 9.

Ans: _____

18. How many one-eighths are there in 2 wholes?

Ans: _____

19. Find the value of $\frac{1}{2} - \frac{4}{12}$. Express your answer in its simplest form.

Ans: _____

20. Arrange the following tractions in descending order.

$\frac{3}{4}$, 0.7 , 0.707

Ans: _____ , _____ , _____

10

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21. Find the value of 6.48 x 3.

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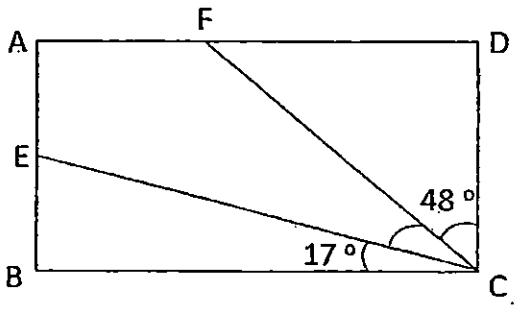
Ans: _____

22. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{3}{5}, \quad \frac{4}{9}, \quad \frac{6}{7}, \quad \frac{5}{11}$$

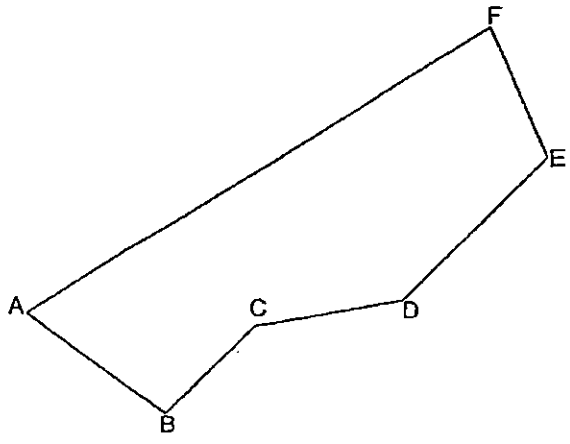
Ans: _____ and _____

23. In the figure shown, ABCD is a rectangle. Find ∠FCE.



Ans: _____ °

24. Name the pair of parallel lines in the figure below.



Ans: _____ // _____

8

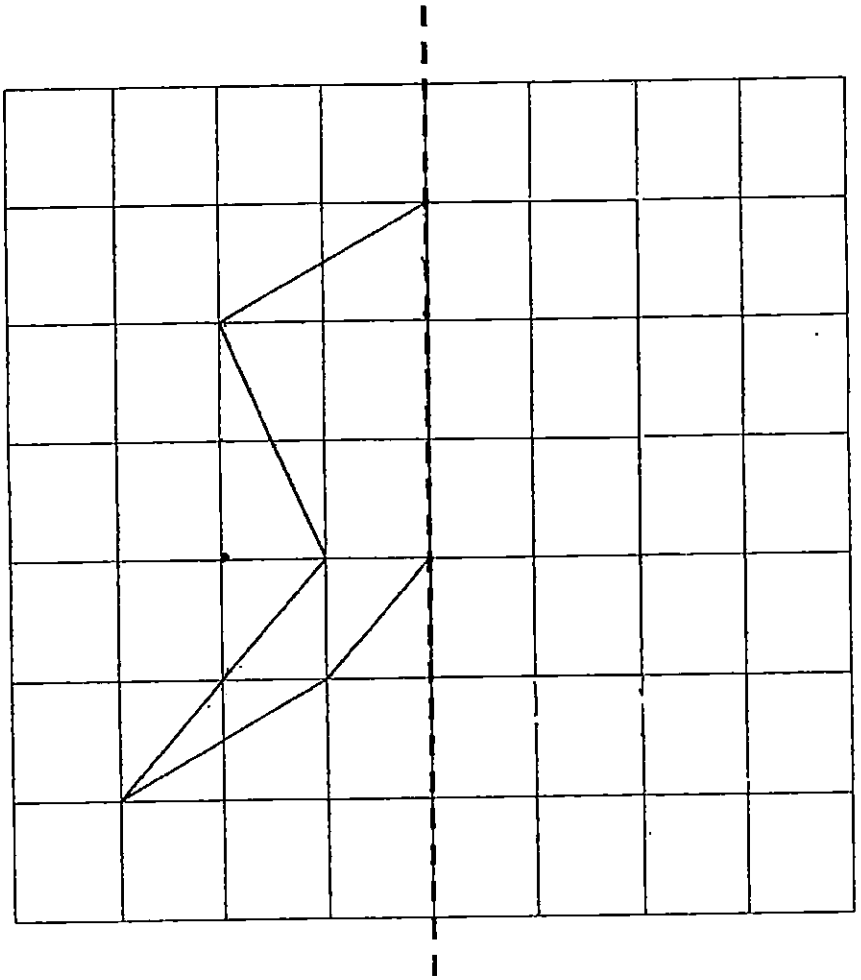
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25. Mrs Kumar baked some cookies. She sold $\frac{1}{4}$ the cookies in the morning and $\frac{1}{3}$ of the cookies in the afternoon. What fraction of the cookies was left?

Ans: _____

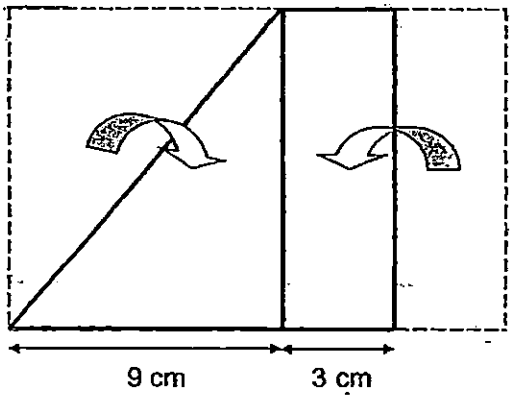
26. Shade and complete the figure to form a symmetric shape along the dotted line.



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27. A rectangular piece of paper was folded as shown below. Find the perimeter of the paper before it was folded.

Do not write in this column



Ans: _____cm

---

28. The total cost of 1 orange and 2 pears is $2.40. The total cost of 3 oranges and 5 pears is $6.30. Find the cost of 1 pear.

Ans: $_____

---

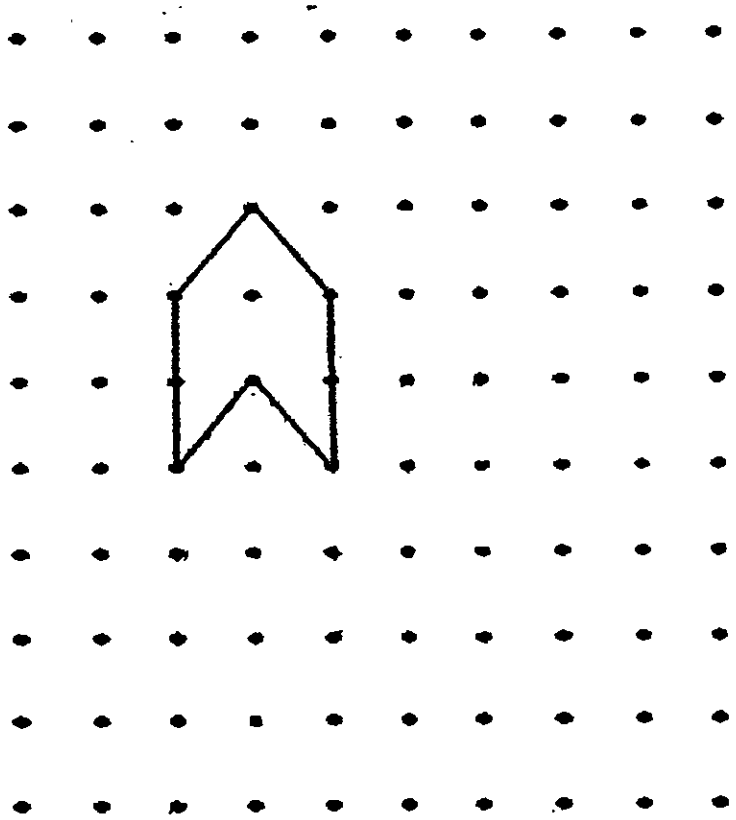
29. Mrs Wong baked 56 muffins. She sold $\frac{3}{7}$ of her muffins at $2 each. How much did she collect from the sale of her muffins?

Ans: $_____

6

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30. The pattern in the box shows part of a tessellation. Draw and shade 4 more unit shapes in the space provided.



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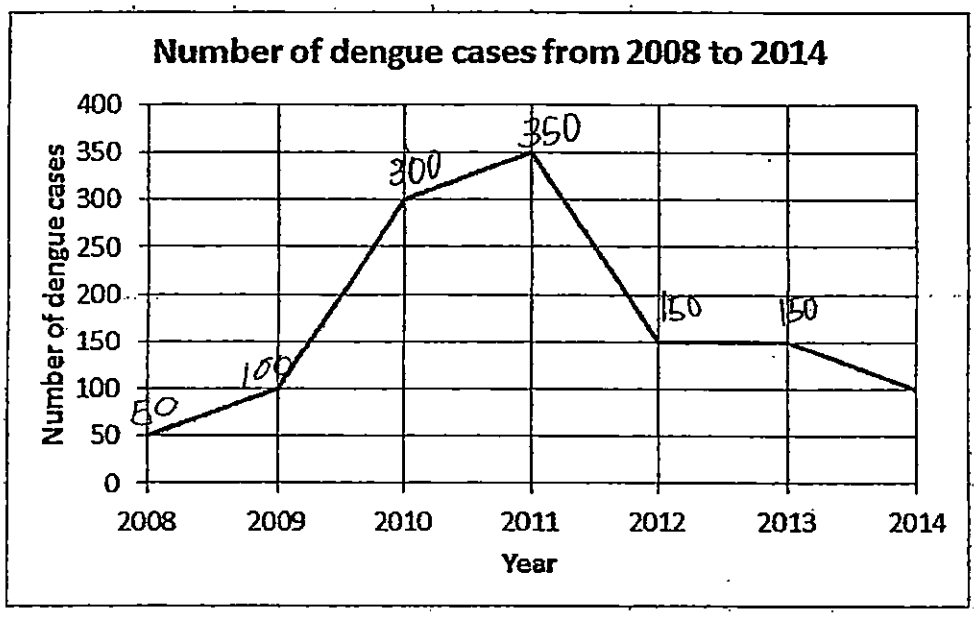
31. Draw and label $\angle BAC$ measuring 135°.

A B

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The graph shows the number of dengue cases from the year 2008 to 2014. Study the graph carefully and answer questions 32 and 33.

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32. During which period is there a greatest increase in dengue cases?

Ans: From _____ to _____

33. What is the total number of dengue cases from 2010 to 2013?

Ans: _____

---

34. Mdm Siti is 6 times as old as Amirah now. 5 years later, Mdm Siti will be 59. How old is Amirah now?

Ans: _____ years old

8

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35. The number of marbles 5 boys have is shown in the table below.

Do not write In this column

Name	Number of marbles
Ahmad	25
Benjamin	?
Calvin	18
Daniel	?
Frank	37
Total number	176

Given that Daniel has $\frac{1}{3}$ the number of marbles Benjamin has, how many marbles does Daniel have?

Ans: _____

End of Section B

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Name : _____ ( )

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

30

Do not write In this colum

Section C: (30 marks)

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

36. Andy has twice as much money as Bernice. Collin has $48 more than Andy. They have a total of $198. How much money does Bernice have?

Ans: _____ [3]

37. The mass of Box A is 10.15 kg. Box B is 2.37 kg heavier than Box A. Box C is 1.57kg lighter than Box B. What is the mass of Box C? Round off your answer to 1 decimal place

Ans: _____ [3]

6

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38. At a funfair, $\frac{1}{12}$ of the visitors are adults. $\frac{1}{2}$ of the visitors are boys and the rest are girls. There are 48 more girls than adults. How many visitors are there altogether?

Ans: _____ [4]

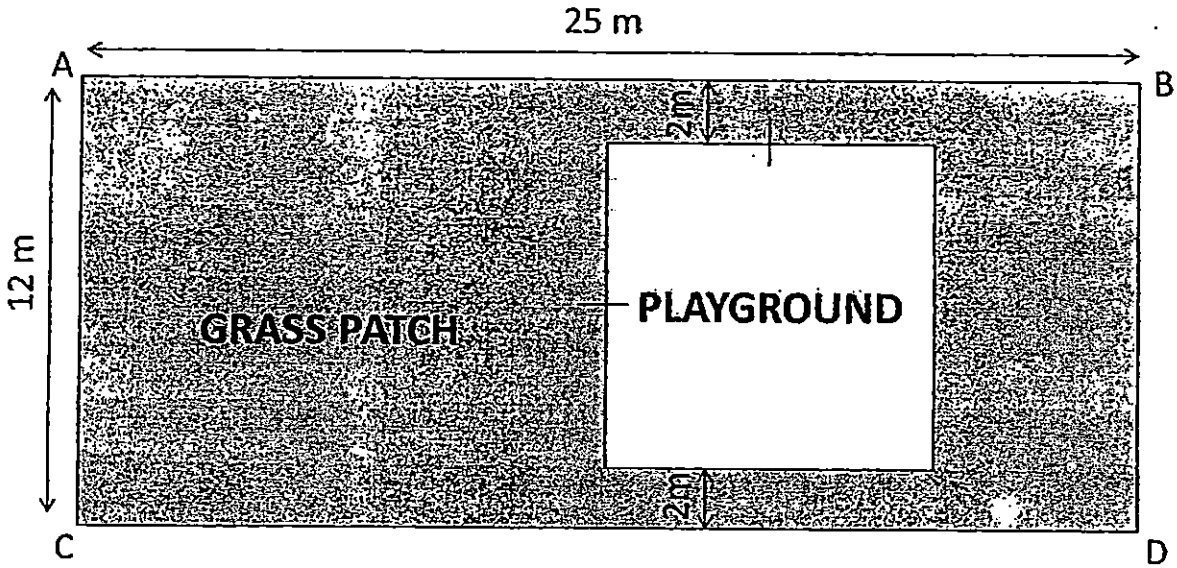
39. Aaron and Peter had 260 stamps altogether. After Aaron gave away 35 stamps and Peter gave away $\frac{1}{5}$ of his stamps, they had the same number of stamps left. How many stamps did Aaron have in the end?

Ans: _____ [4]

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40. ABCD is a rectangular plot of land with grass surrounding a playground. Find the area of the grass patch.

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Ans: _____ [4]

4

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41. Sam had 8.5 kg of cherries more than Tommy. When Sam gave away 1.3kg of cherries, and Tommy gave away 0.9kg of cherries, Sam still had 4 times as much as Tommy. How many kilograms of cherries did Tommy have at first?

Ans: _____ [4]

Do not write in this colur

42. Noelle has some money to buy some sweets. She will have $9 left if she buys 12 packets of sweets. However, she will need $15 more if she wants to buy 18 packets of sweets. How much money does Noelle have?

Ans: _____ [4]

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43. There are 50 questions in a quiz. For every correct answer given, Dillan was awarded 3 points. For every incorrect answer, 1 point was deducted. Dillan scored 94 points. How many questions did he answer correctly?

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_____ [4]

4

End of paper.

Please check your work.

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EXAM PAPER 2015
LEVEL : PRIMARY 4
SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

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

Q16. 4509 Q17. 14 202 Q18. 16 Q19. 1 whole

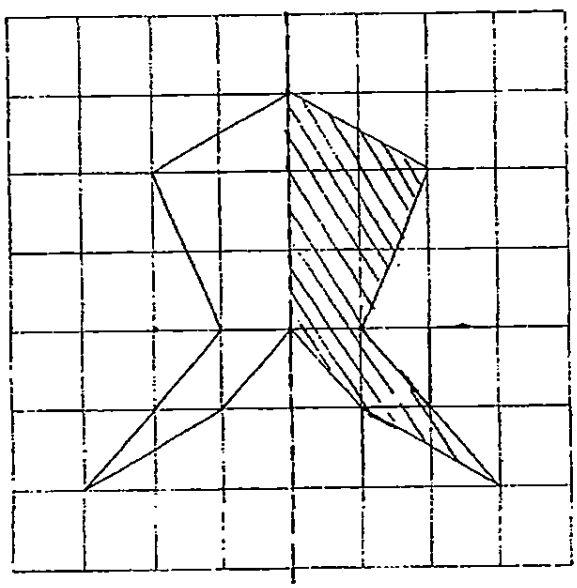
Q20. ¾ . 0.707 , 0.7 Q21. 19.44 Q22. $\frac{4}{9}$ and $\frac{5}{11}$

Q23. 25° 17+48=65, 90 – 65 = 25

Q24. CB // ED Q25. $\frac{5}{12}$ left $\frac{12}{12} - \frac{7}{12} = \frac{5}{12}$

Q26. **SEE PICTURE**

Q26.



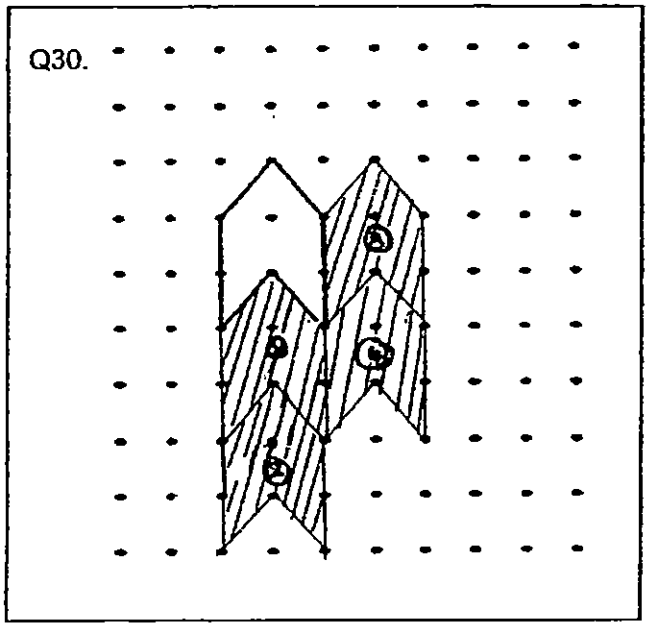
Q27. 48cm ➔9x4=36, 3x4=12, 36+12=48

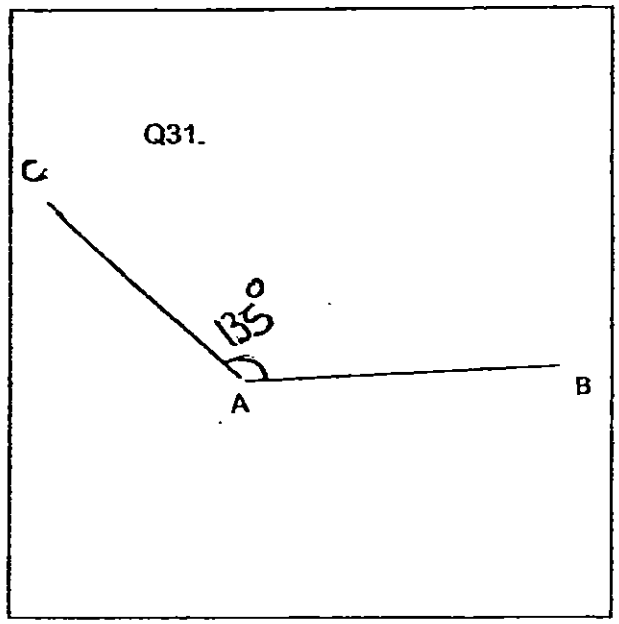
Q28. $0.90➔ 1 pear = 2.40 -1.50=0.90

Q29. $48 ➔56÷7 = 8 , 8 x 3 = 24, 24 x 2 = 48

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Q30. SEE PICTURE **Q31. SEE PICTURE**





Q32. From 2009 to 2010 **Q33.** 950 → 300+350+150+150=950

Q34. 9 years old → 59-5=54, 54÷6=9

Q35. 24 marbles → 25 + 18+37 =80, 176 -80=96, 96÷4=24

Q36. $30 → 5u – 198 -48 = 150, 1u 150÷5=30

Q37. 11kg → 10.15+2.37=12.52, 12.52-1.57=10.95≈11

Q38. 144 visitors → $\frac{11}{12} - \frac{6}{12} = \frac{5}{12}$, 48 ÷4=12, 12 x 12 = 144

Q39. 100 stamps → 9u → 260 – 35, 1u → 225÷9=25, 4u → 25 x 4 = 100

Q40. 236m² → 12 – 4 = 8, 8x8=64 , 25 x 12 = 300, 300-64=236

Q41. 36kg
8.5kg – 13kg = 7.2kg
30 – 0.09kg +7.2kg = 8.1kg
1u → 8.1kg ÷3=2.7
Tommy , at first – 2.7+0.9=36

Q42. $57
18-12=6
6 packets → 15+9=24
1 packet → 24+6=4
Noelle, at first – (4 x 12) +9 = 48 +9=57

Q43 36 , 50 x 1 =50, 94+50=144,
144 divide by 4 = 36

THE END

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