Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2017)

PRIMARY 4

MATHEMATICS

Booklet A

Monday 15 May 2017 **1 h 45 min**

Name: _____( ) Class: 4.( )

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.
2 Follow all instructions carefully.
3 There are 20 questions in this booklet.
4 Answer ALL questions.
5 Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 10 printed pages (inclusive of cover page).

Section A

Questions 1 to 20 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 (OAS). (40 marks)

1. Which one of the following is the same as 39 086?

   1) 30 000 + 900 + 80 + 6
   2) 30 000 + 900 + 800 + 6
   3) 30 000 + 9000 + 80 + 6
   4) 30 000 + 9000 + 800 + 6

2. Find the product of 250 and 2 tens.

   1) 50
   2) 500
   3) 5 000
   4) 50 000

3. Which one of the following is a factor of 28?

   1) 6
   2) 7
   3) 13
   4) 19

4. The clock shown below is 10 minutes slower than the actual time.
What is the actual time?

1) 8 minutes past 11
2) 30 minutes past 11
3) 10 minutes to 12
4) 10 minutes past 12

5. What is 30 hundreds less than 51 273?

1) 48 273
2) 50 973
3) 51 243
4) 54 273

6. What is the sum of the first two common multiples of 4 and 6?

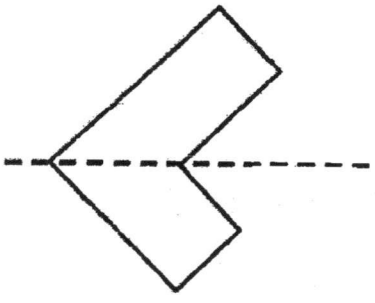
1) 30
2) 36
3) 48
4) 60

7. Which one of the following statements correctly describes both the rectangle and the square?

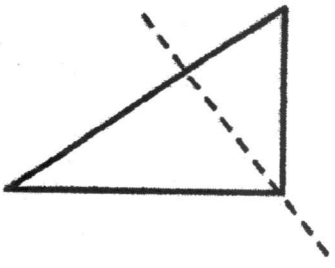
1) All of its sides are
2) All of its angles are angles.
3) Its opposite sides are perpendicular.
4) It has exactly one pai of parallel sides.

8. Which one of the dotted is a line of symmetry?

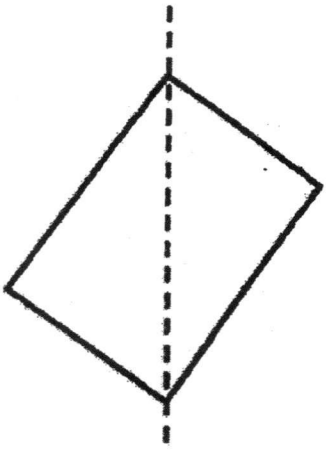
(1)



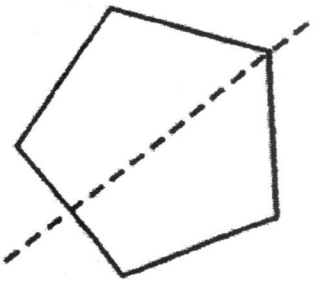
(2)



(3)



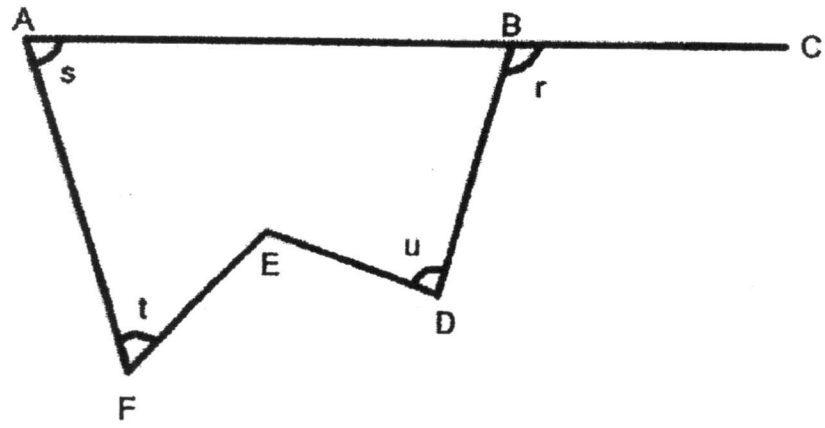
(4)



9. Jake bought a motorbike. The amount he spent when rounded to the nearest thousand is $42 000. What could be the amount he spend on the motorbike?

1) $41 298
2) $41 499
3) $42 319
4) $42 659

10. Look at the diagram. Which one of the marked angles has been correctly named?



1) ∠s = ∠BAE
2) ∠r = ∠ABC
3) ∠t = ∠AFE
4) ∠u = ∠EDC

11. A number when divided by 7 gives a quotient of 122 and a remainder of 6. What is the number?

1) 732
2) 739
3) 854
4) 860

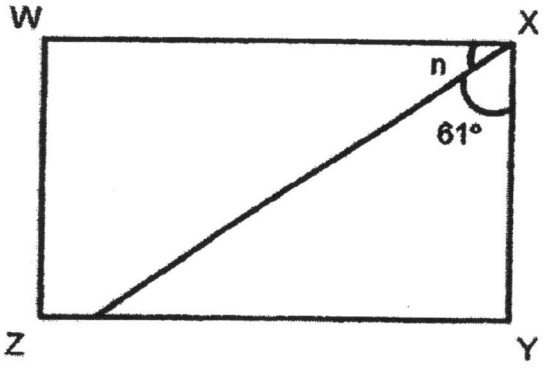
12. Which one of the following fractions is the largest?

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

13. Alex is facing south-east at first. In which direction will he face if turns 135 ° anti-clockwise?

1) North
2) South
3) East
4) West

14. WXYZ is a rectangle. Find $\angle n$.



1) 19°
2) 29°
3) 39°
4) 49°

15. A pen and 2 rulers cost \$3.10. A pen costs \$2.50. What is the cost of 1 ruler?

1) \$0.30
2) \$0.60
3) \$0.80
4) \$0.90

16. The price of tickets to a school concert is shown below.

School Concert

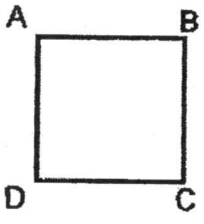
Tickets at $5 each.

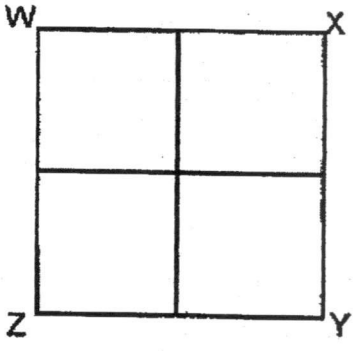
Buy 2 tickets and get 1 free

Susan paid $60 for tickets to the school concert. How many tickets did she get?

1) 6
2) 12
3) 18
4) 24

17. The perimeter of square ABCD is 100 cm.
4 such squares are used to form the figure WXYZ.
Find the perimeter of figure WXYZ.



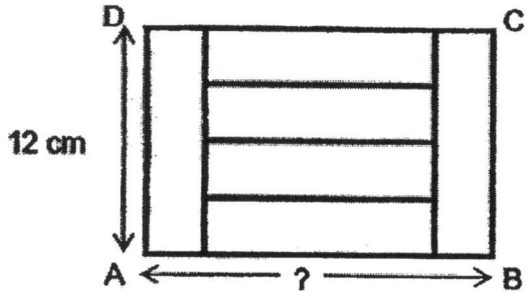


1) 50 cm
2) 80 cm
3) 200 cm
4) 800 cm

18. Alan had twice as much money as Eric. Eric had twice as much money as Zachary. Given that they had $1260 altogether, how much money did Zachary have?

1) $180
2) $252
3) $315
4) $420

19. Rectangle ABCD is made up of 6 identical rectangles as shown below. Find the length of AB.



1) 15 cm
2) 18 cm
3) 20 cm
4) 24 cm

20. Jason picked a 5-digit number. The digit in the thousands place is 5. The digit in the hundreds place is 3 less than the digit in the tens place and they have a sum of 11. The digit in the ones place is the same as the digit in the tens place. The value of the digit in the ten thousands place is 20 000. Which one of the following numbers was picked by Jason?

1) 25 388
2) 25 477
3) 25 744
4) 25 833

End of Booklet A

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2017)

PRIMARY 4

MATHEMATICS

Booklet B

Monday 15 May 2017 **1 h 45 min**

Name: _____ ( ) Class: 4.( ) Parent's Signature: _____

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 25 questions in this booklet.

4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

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

Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

(40 marks)

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21. What is twenty-seven thousand and eleven in numerals?

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

84 615, 6713, 48 105, 67 257

_____ , _____ , _____ , _____

Greatest Smallest

23. There are 105 rows of seat in a theatre. Each row consists of 18 seats. What is the total number of seats in the theatre?

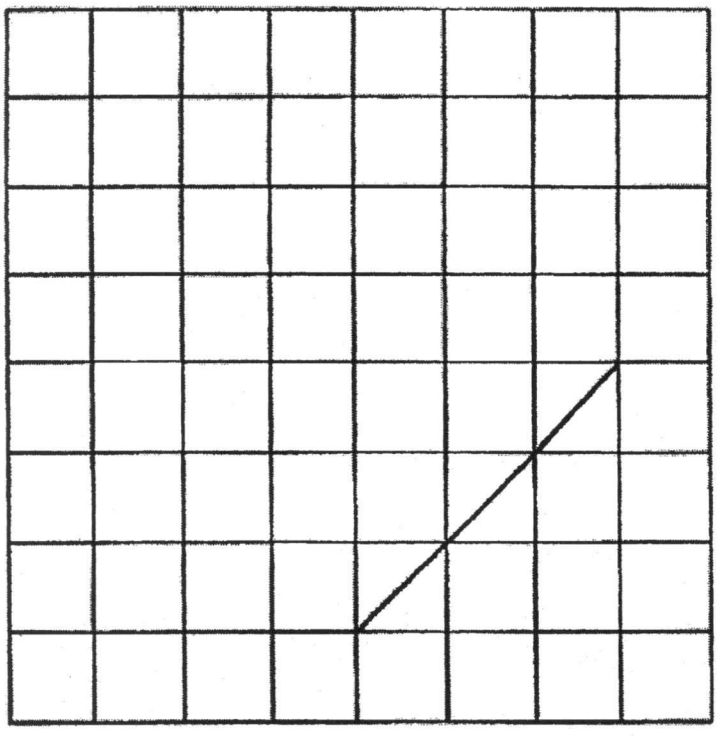
Sub-Total :

24. What is the ninth multiple of 3?

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

5070 , _____ , 5220 , 5310 , 5410 , 5520

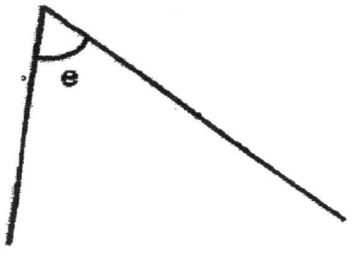
26. Draw a square from the given line.



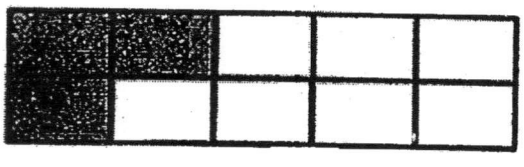
Sub-Total :

27. Find the value of $\frac{7}{12} + \frac{1}{3}$.

28. Use a protractor to measure $\angle e$.



29. Jack wants to shade $\frac{4}{5}$ of the figure shown below. How many more boxes must he shade?

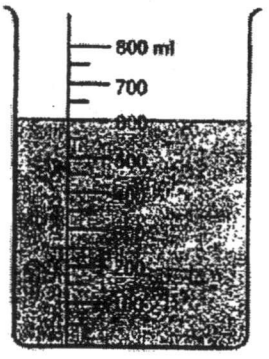


Sub-Total :

30. Find the sum of the common factors of 45 and 72.

31. Mr Tan brought 5 cartons of pear. Each carton contained 30 pears. He sold 2 cartons and another 20 pears in the morning. How many pears had he left?

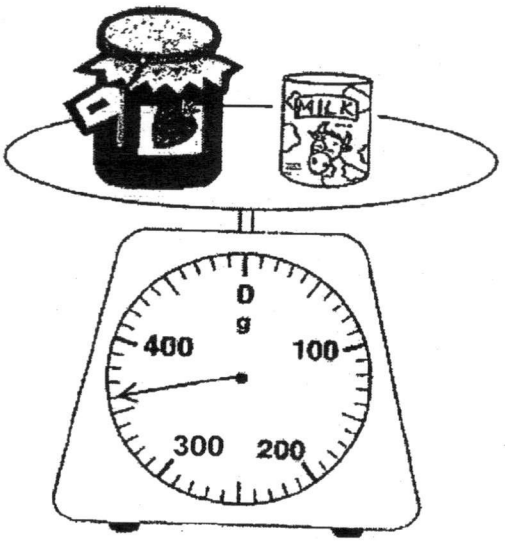
32. The diagram below shows the amount of water in the container after Wendy poured some water into it. Given that there were 350ml of water in the container at first, how much water did Wendy pour into the container?



ml

Sub-Total :

33. The mass of a bottle of Jam and a can of milk is shown below. The mass of the can of milk is 150 g, what is the mass of the bottle of Jam?

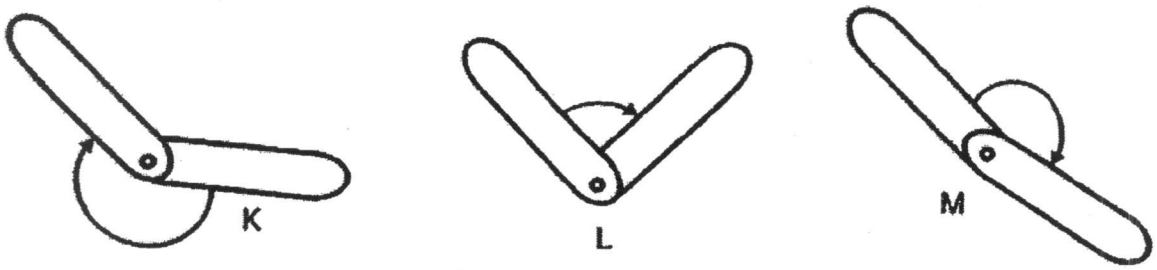


g

34. Mr Gopal has a total of $84, consisting of an equal number of $5 and $2 notes. How many pieces of notes does he have altogether?

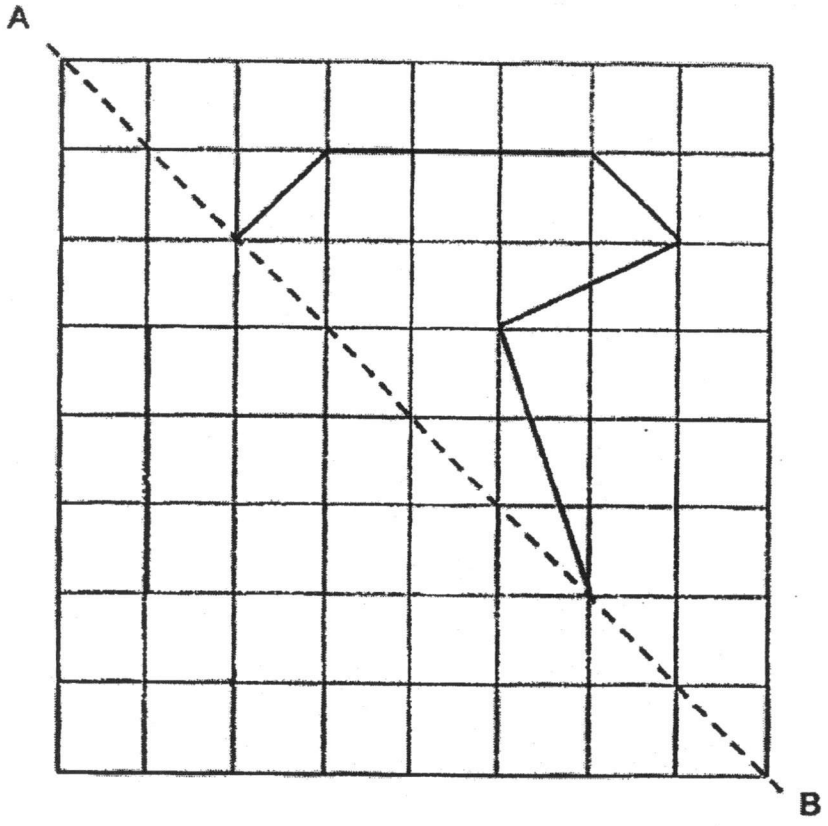
Sub-Total :

35. Look at each pair of angle strips below.



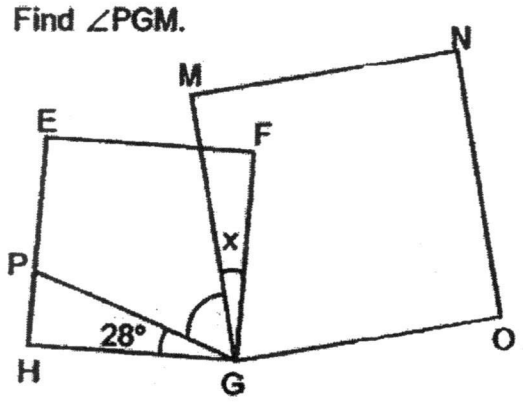
Which pair of angle strips shows a turn between a $\frac{1}{2}$-turn and a complete turn?

36. Complete the following figure to form a symmetric figure with AB as the line of symmetry.



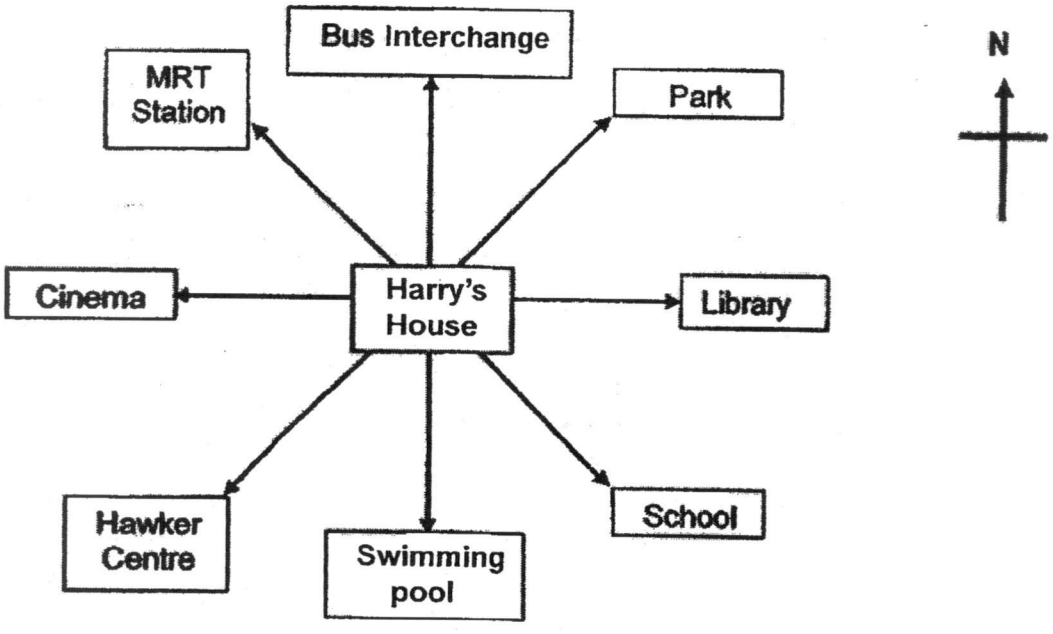
Sub-Total :

37. In the diagram, EFGH and MNOG are squares and ∠x is 11°. Find ∠PGM.



°

38. The diagram below shows the direction of each place from Harry's house. Use it to answer Question 38 (a) and 38 (b).



a) The MRT station is _____ of Harry's house.

b) Which place is situated South-East of Harry's house?

a) _____

b) _____

Sub-Total :

39. The difference between two numbers is 1350. The bigger number is 3 times the smaller number. What is the smaller number?

40. Bryan had thrice as many books as Charles at first. After Bryan gave away 14 books and Charles bought 16 books, both boys had an equal number of books. How many books did Charles have at first?

Sub-Total :

Section C

For questions **41** to **45**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(20 marks)

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41. A fruiterer bought 270 oranges. He bought 125 more apples than oranges and 40 fewer pears than oranges.

(a) How many fruits did he buy altogether?

(b) He packed all the fruit into bags. Each bag could contain 9 fruits. What is the least number of bags he needed to pack all the fruits?

Ans: (a)_____[2]

(b)_____[2]

Sub-Total :

42. Daniel bought 12 similar wallets and 4 similar bags. Each bag cost as much as three wallets. The bag cost $16 more than the wallet.

(a) What was the cost of 1 bag?
(b) How much did he spend altogether?

Ans: (a)_____[1]

(b)_____[3]

Sub-Total :

43. There are 629 pupils in School A and 890 pupils in School B. The number of boys in both schools is the same. Given that the number of girls in school B is four times that of School A, find the total number of boys in each school.

Ans: _____ [4]

Sub-Total : ☐

44. There were 38 children at a fun-fair. Every boy received 2 balloons each and every girl received 4 balloons each at the fun-fair. A total of 126 balloons were given to the children. How many boys were at the fun-fair?

Sub-Total : [ ]

45. Christopher had $154 more than Ryan at first. After Christopher gave $262 to Ryan, Ryan had 3 times as much as Christopher. How much did they have altogether?

Ans: _____ [4]

End of Booklet B

Sub-Total :

EXAM PAPER 2017 (P4)

SCHOOL : ACS

SUBJECT : MATHEMATICS

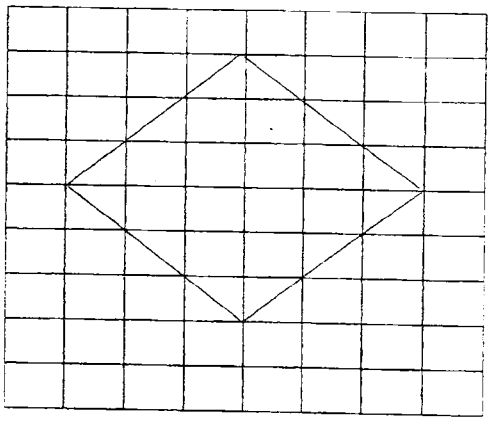
TERM : SA1

ORDER CALL :

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	2	3	1	2	2	4	3	3
Q11	**Q12**	**Q13**	**Q14**	**Q15**	**Q16**	**Q17**	**Q18**	**Q19**	**Q20**
4	1	1	2	1	3	3	1	2	2

21)27011 22)84615 , 67257 , 48105 , 6713 23)1890 seats

24)27 25)5140 26)



27)11/12 28)62°

29)5 30)13

31)70 pears

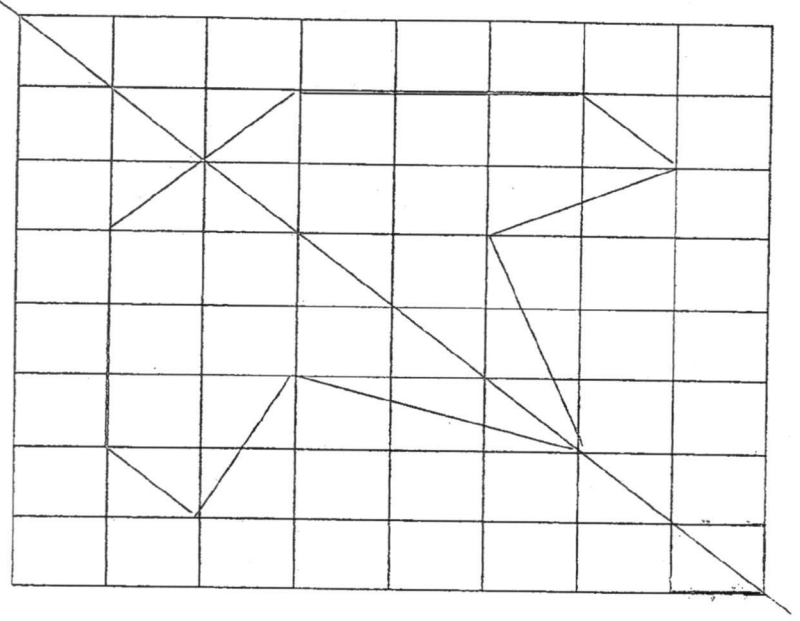
32)250 ml

33)210g

34)24

35)K

36)



37)51°

38)a)NW b)School

39)675

40)15 books

41)a)125 + 270 = 395

270 – 40 = 230

b)895 ÷ 9 = 99 R 4

99 + 1 = 100

42)a)16 ÷ 2 = 8

8 x 3 = $24

b)12 x 8 = 96

24 x 4 = 96

96 + 96 = $192

43)3 units = 890 – 629 = 261

1 unit = 261 ÷ 3 = 87

629 – 87 = 542

44)

Boys	total	Girls	Total	altogether	check
19	38	19	76	114	X
15	30	23	92	122	X
13	26	25	100	126	√

ANS: 13

45)262 – 154 = 108

2 units = 108 + 262 = 370

1 unit = 370 ÷ 2 = 185

4 units = 4 x 195 = $740