

**Anglo-Chinese School
(Junior)**



**SEMESTRAL ASSESSMENT 1 (2015)
PRIMARY 4
MATHEMATICS
Booklet A**

Wednesday

6 May 2015

1 h 45 min

INSTRUCTIONS TO PUPILS

DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO

Follow all instructions carefully.

There are 20 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.

Parent's Signature: _____

This question paper consists of 9 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)

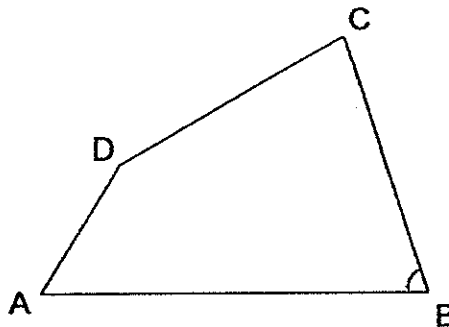
1. What is 909 less than 10 000?

- (1) 9091
- (2) 9101
- (3) 9191
- (4) 9909

2. How many sixths are there in $2\frac{1}{3}$?

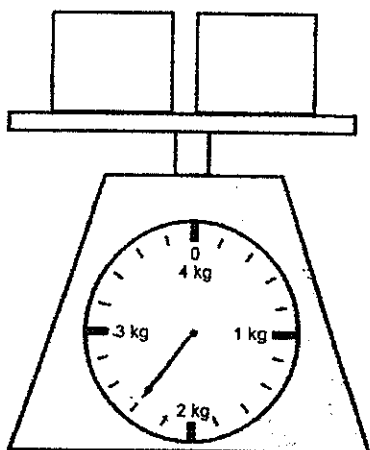
- (1) 6
- (2) 7
- (3) 14
- (4) 21

3. In the figure below, which angle is greater than a right angle?



- (1) $\angle DAB$
- (2) $\angle ABC$
- (3) $\angle BCD$
- (4) $\angle CDA$

4. The figure below shows 2 identical boxes on a weighing scale.



Find the mass of 1 box.

- (1) 1 kg 100 g
 - (2) 1 kg 200 g
 - (3) 2 kg 400 g
 - (4) 2 kg 500 g
5. Erhu has five 20-cent coins and one 50-cent coin. She used some of the coins to buy a notebook without receiving any change. Which one of the following could be the cost of the notebook?
- (1) \$1.10
 - (2) \$1.20
 - (3) \$1.40
 - (4) \$1.70

6. Find the value of $\frac{3}{5} + \frac{3}{10} + \frac{3}{10}$.

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

(2) $\frac{9}{10}$

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

(4) $1\frac{1}{2}$

7. John's age is a multiple of 7 this year. His age next year will be a multiple of 6. What is John's age this year?

(1) 14

(2) 28

(3) 35

(4) 42

8. Muhaimin is facing south-west. He makes a $\frac{3}{4}$ -turn in a clockwise direction. In which direction is he facing now?

(1) East

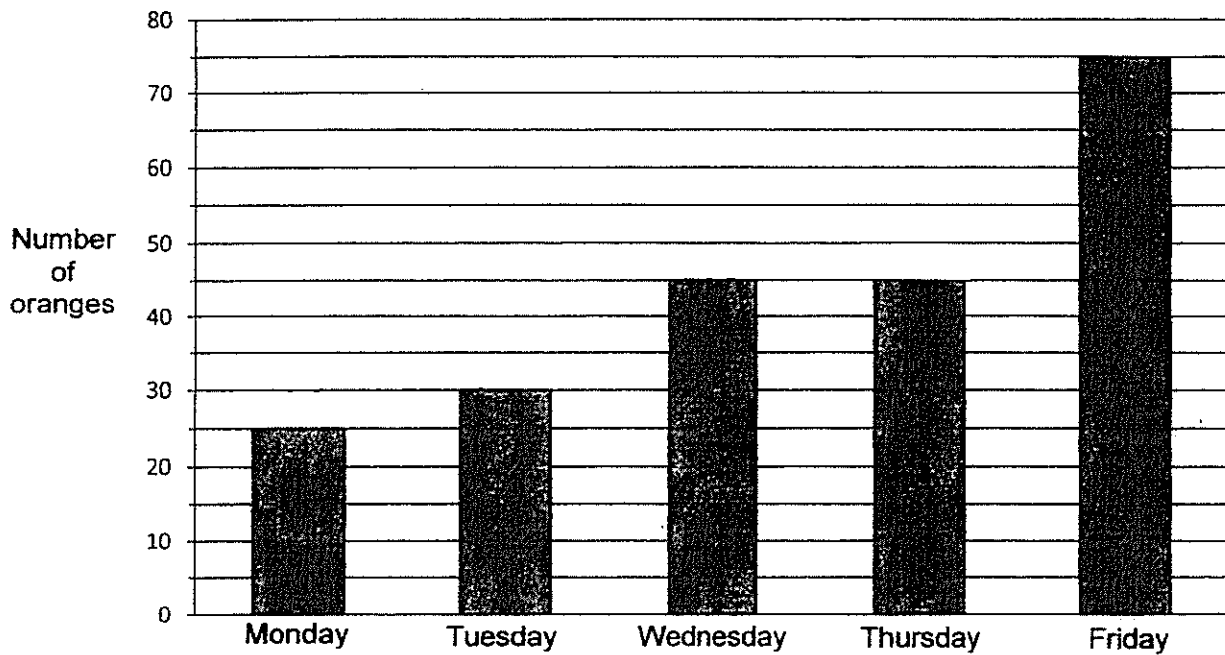
(2) North

(3) North-West

(4) South-East



The graph below shows the number of oranges sold by a farmer from Monday to Friday. Study the graph carefully and answer questions 9 and 10.



9. How many oranges were sold from Monday to Wednesday?

- (1) 55
- (2) 60
- (3) 75
- (4) 100

10. A pack of 5 oranges cost \$3. How much money did the farmer receive on Friday from the sale of oranges?

- (1) \$15
- (2) \$25
- (3) \$45
- (4) \$75

The table below shows the number of coins that a group of friends had collected. Study the table below carefully and answer questions 11 and 12.

Name	Number of 10-cent coins	Number of 20-cent coins	Number of 50-cent coins	Total number of coins
Alice	10	5	8	23
Gopal	?	7	8	28
Rahim	20	5	4	29

11. How many 10-cent coins did Gopal collect?

- (1) 10
- (2) 13
- (3) 30
- (4) 43

12. How much money did Rahim have?

- (1) \$5
- (2) \$2
- (3) \$3
- (4) \$4

13. Esther has 24 marbles. Half of them are white, 4 are red and the rest are green. What fraction of the marbles are green?

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

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

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

(4) $\frac{3}{10}$

14. A number when divided by 7 gives a quotient of 68 and a remainder of 6. What is this number?

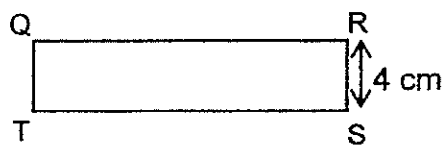
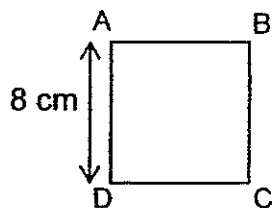
(1) 110

(2) 415

(3) 472

(4) 482

15. Square ABCD and Rectangle QRST have the same area. ^DAB is 8 cm and RS is 4 cm. Find the length of QR.



- (1) 4 cm
(2) 8 cm
(3) 12 cm
(4) 16 cm

16. Mrs Hoh spent $\frac{1}{6}$ of her money on a pen. She spent $\frac{1}{3}$ of her money on a file. She had \$48 left. How much money did she have at first?

- (1) \$8
- (2) \$16
- (3) \$24
- (4) \$96

17. Khai is facing West. He makes a turn in an anti-clockwise direction and is now facing North. How many right angles does he turn?

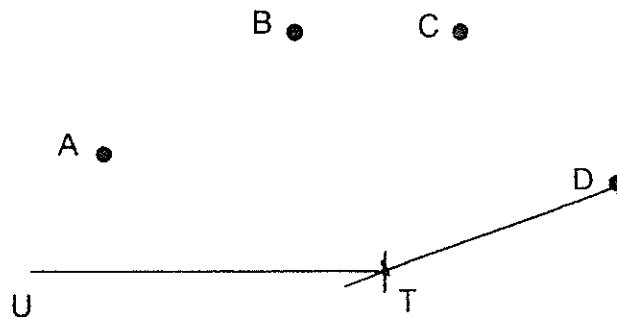
- (1) 1
- (2) 2
- (3) 3
- (4) 4



18. Mac goes to school at 7.20 a.m. and leaves school at 1 p.m. every day. How much time does Mac spend in school every day?

- (1) 5 h 20 min
- (2) 5 h 40 min
- (3) 6 h 20 min
- (4) 6 h 40 min

19. In the figure shown below, which dot can be joined to the marked end point T of the line UT to form an angle greater than 150° ?



- (1) A
 - (2) B
 - (3) C
 - (4) D
20. Each cupcake cost \$3. Kumar paid \$57 for some cupcakes. He gave 5 cupcakes to his brother. How many cupcakes had Kumar left?
- (1) 14
 - (2) 19
 - (3) 24
 - (4) 42

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 1 (2015)
PRIMARY 4

MATHEMATICS
Booklet B

Wednesday

6 May 2015

1 h 45 min

INSTRUCTIONS TO PUPILS

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There are 25 questions in this booklet.

Answer ALL questions.

Name : _____ ()

Class : 4.()

Parent's Signature: _____

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

This question paper consists of 12 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)

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

76 631, 67 317, 79 613, 67 136

_____	_____	_____	_____
Smallest			Greatest

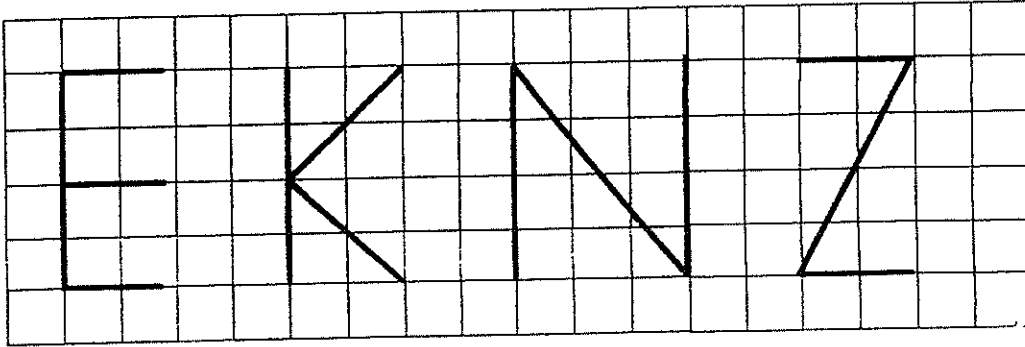
22. Multiply 347 by 38. Round off your answer to the nearest ten.

23. Express $4\frac{5}{7}$ as an improper fraction.

24. Shanti bought seven 50-cent stamps and nine 20-cent stamps from a stamp machine. How much money did Shanti spend altogether?

\$

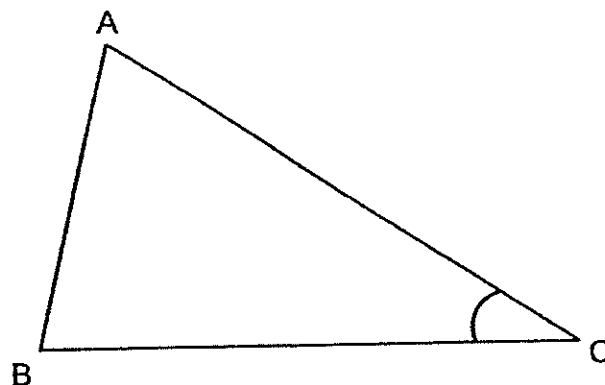
25. In the diagram below, the letters E, K, N and Z are drawn on a square grid. List all the letters which have perpendicular lines.



26. The number of chairs in the hall is 1500 when rounded off to the nearest hundred.
 a) What is the greatest possible number of chairs in the hall?
 b) What is the smallest possible number of chairs in the hall?

a) _____
 b) _____

27. Measure $\angle ACB$.



$\angle ACB =$ _____ ⁶

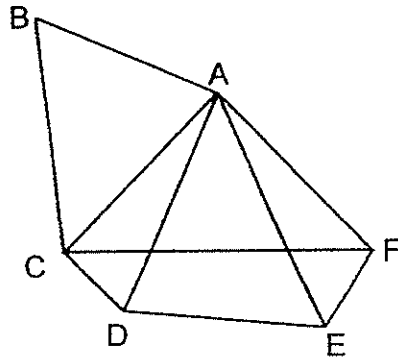
28. Machine A produces thrice as many buns as Machine B in a day. Together, they produce 9408 buns in a day. How many buns can Machine B produce in a day?

29. Mrs Tan had 9 m of cloth. She used 240 cm of it to sew a dress and 395 cm to sew a shirt. What was the length of cloth she had left? Give your answer in cm.

 cm

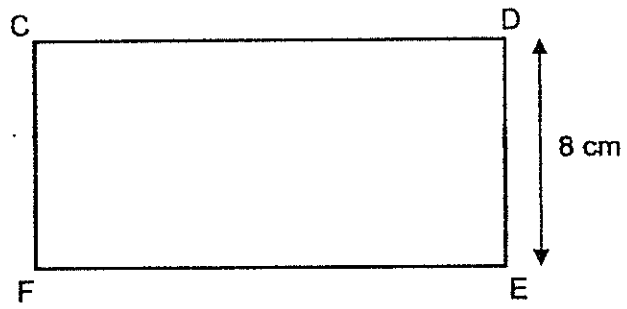
30. The sum of two fractions is $\frac{7}{12}$. One of the fractions is $\frac{1}{6}$. What is the other fraction?

31. Look at the figure below.
 a) Which line is parallel to AF?
 b) Which line is perpendicular to AD?



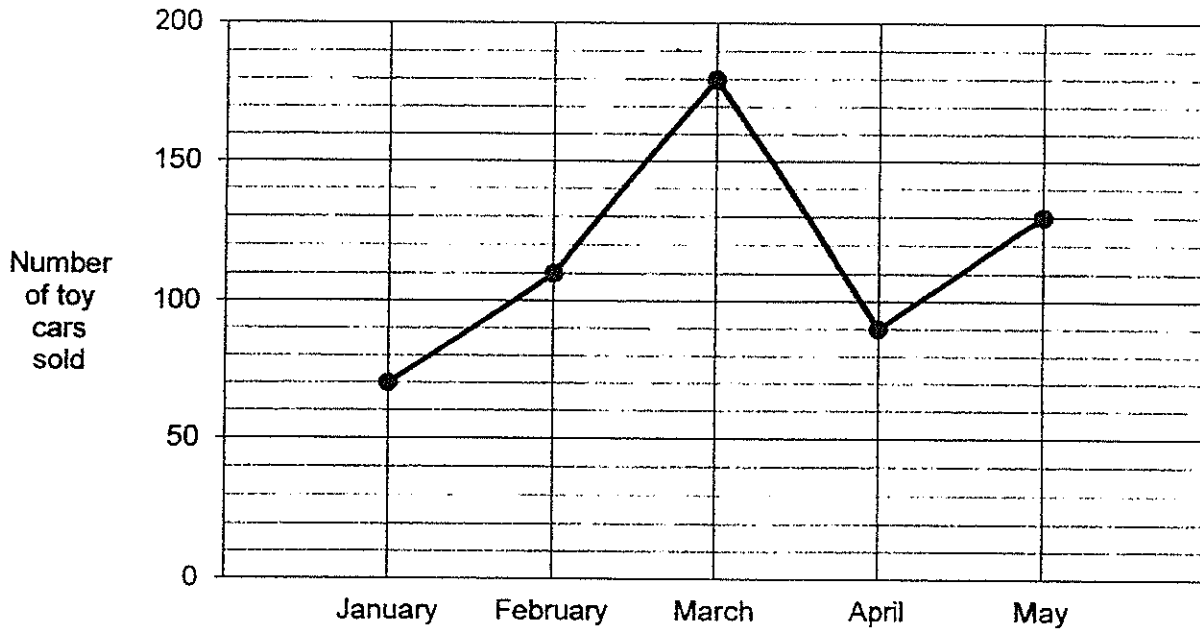
a)	_____
b)	_____

32. A piece of wire is 48 cm long. It is bent to form a rectangle CDEF as shown below. Given that DE is 8 cm, what is the area of rectangle CDEF?



cm ²

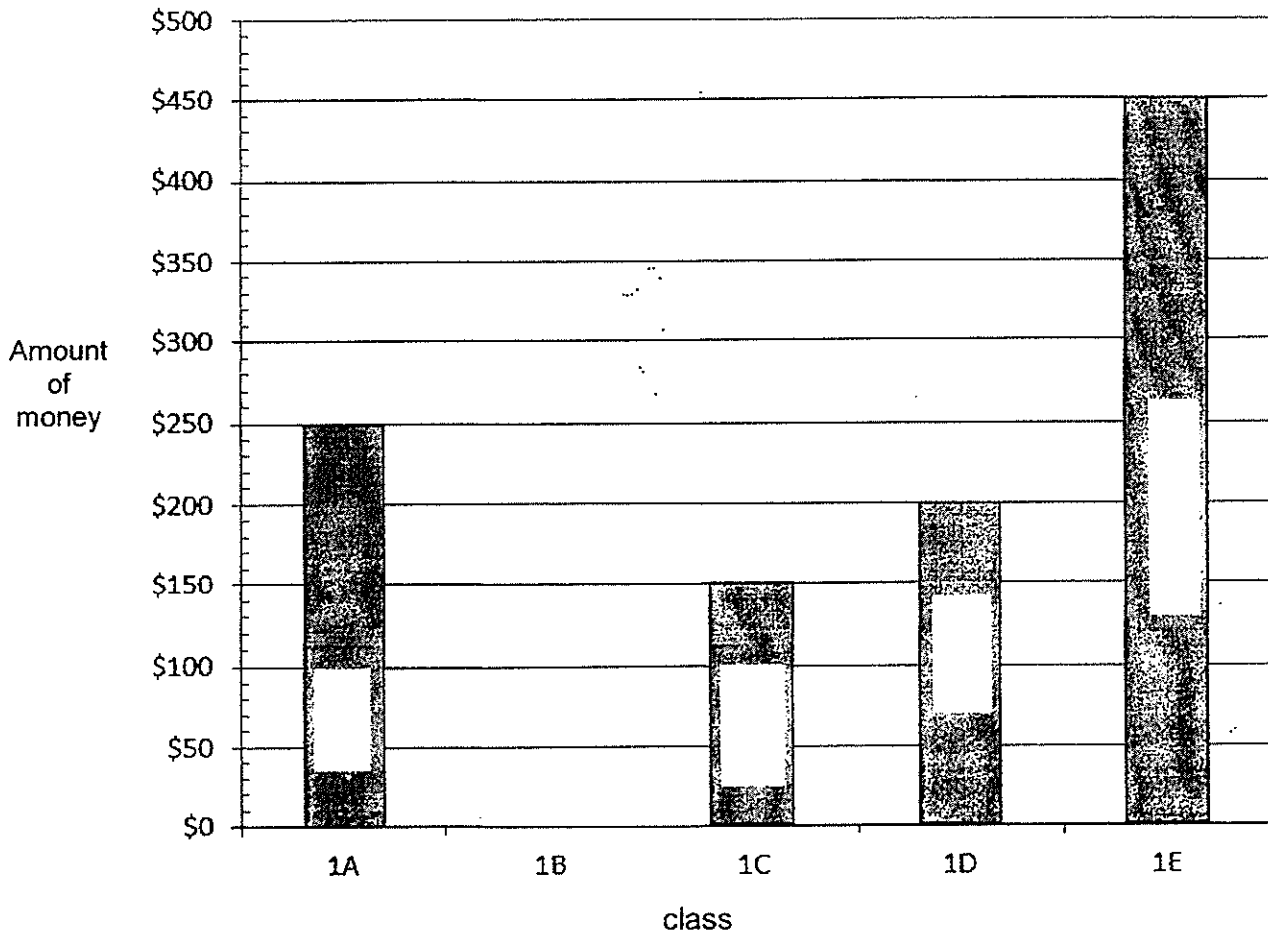
Peter prepared 200 toy cars for sale in his shop every month. The line graph below shows the number of toy cars he sold each month. Study the graph and answer questions 33 and 34.



33. What was the increase in the number of toy cars sold from April to May?

34. Write down all the months in which Peter sold **more than half** of the toys cars he had prepared to sell each month.

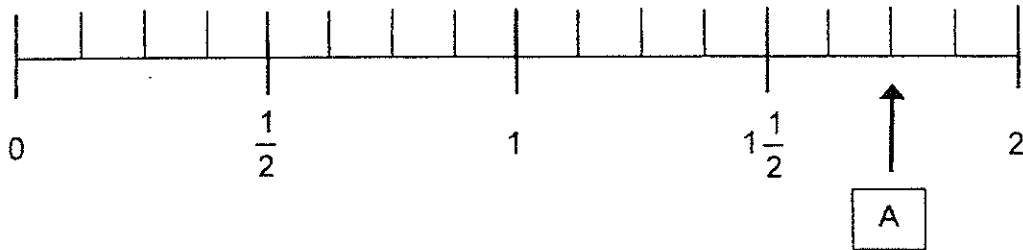
The bar graph below shows the amount of money collected for the children's charity by 5 classes through the sale of coin banks. The bar that shows the amount of money collected by class 1B has not been drawn. Study the graph and answer questions 35 and 36.



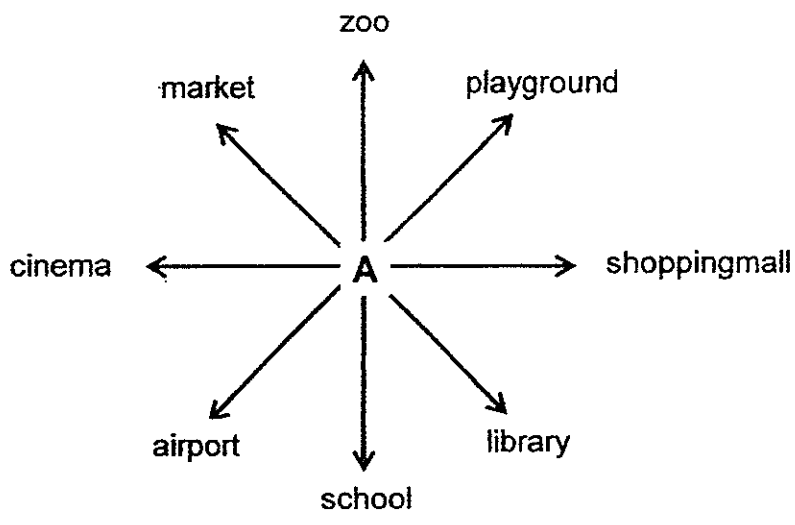
35. The total amount of money collected by the 5 classes was \$1400. How much did class 1B collect?

36. Coin banks were sold at \$5 each. What was the total number of coin banks sold by classes 1A and 1E?

37. Write the fraction represented by the letter A. Give your answer as a mixed number in the simplest form.



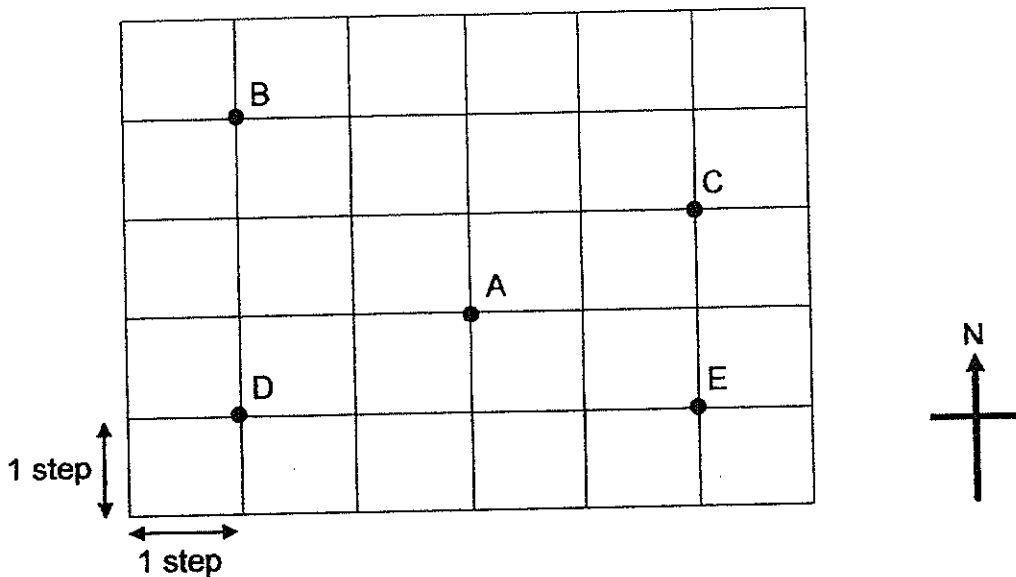
38. Madam Su is standing at the point marked A in the figure below. She is facing the airport. Where will she face when she turns 315° clockwise?



39. Arjun earned \$2350 every month. He saved $\frac{1}{5}$ of his salary in January and spent the rest. How much money did he spend in January?

\$

40. Look at the diagram below. Zul was at Position A. He moved 2 steps North. Next, he took 2 steps to the West followed by 3 steps to the South. Finally, he moved 4 steps to the East. At which position did he end up?



Position

Section C

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements.

(20 marks)

41. Charlie picked 9223 oranges. 28 of them were rotten and were thrown away. He packed the remaining oranges equally into bags of 4.

- (a) How many bags of oranges did he pack?
- (b) How many orange(s) was left over?

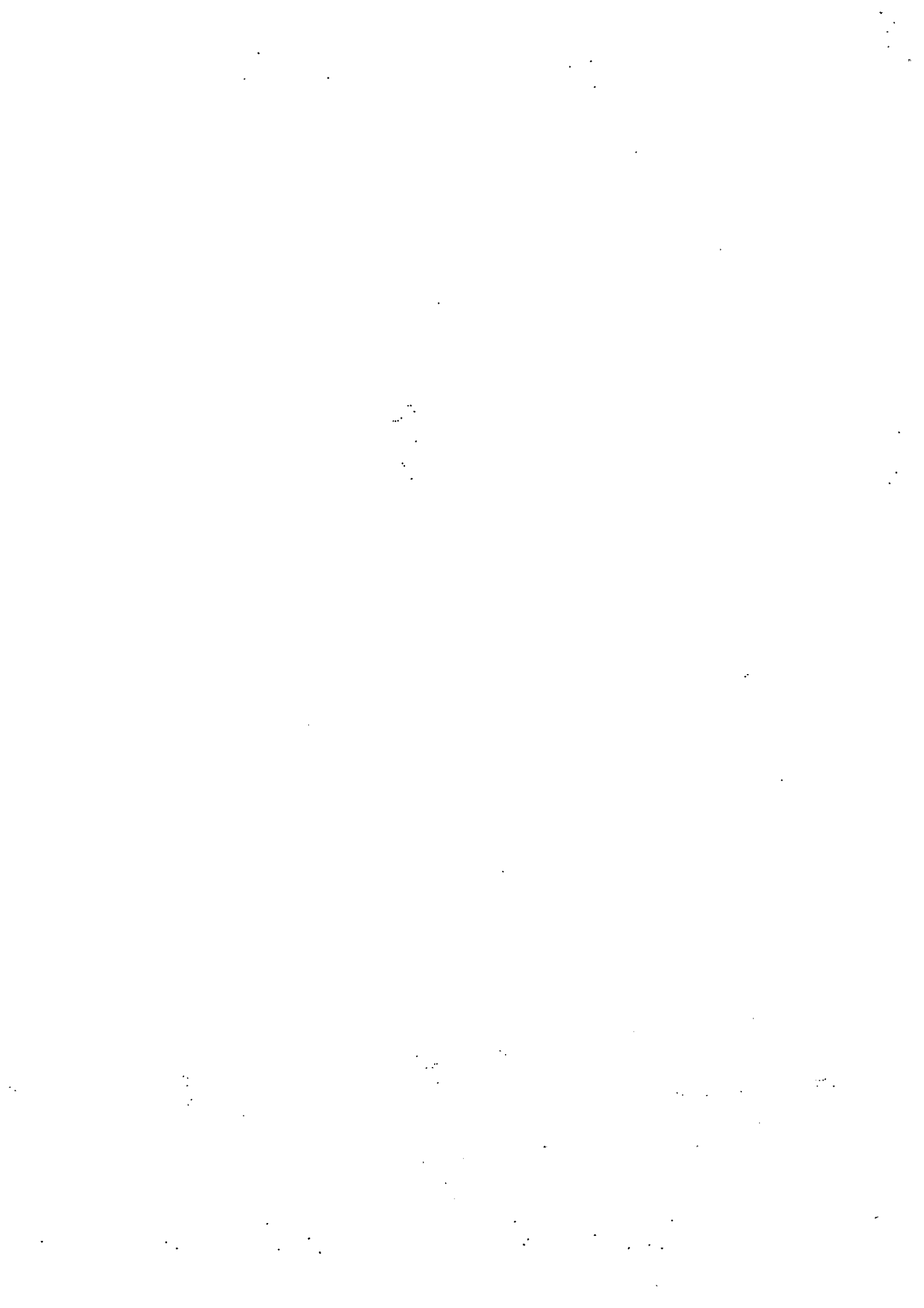
42. James bought 6 identical tables and 1 chair. Each table cost \$207. Each table cost 3 times as much as a chair. How much did he pay altogether?

43. Mrs Yeong had some money. She gave $\frac{8}{9}$ of her money to her 4 children equally. She was left with \$850.
(a) What fraction of Mrs Yeong's money had she left?
(b) How much money did each child get?

44. Alice had \$240 more than Ivan at first. After Alice spent \$300, Ivan had thrice as much money as Alice in the end. Find the amount of money Alice had at first.

45. Madam Su baked some pies. She sold $\frac{5}{7}$ of the pies on Monday and $\frac{1}{2}$ of the remainder on Tuesday. She sold 560 more pies on Monday than on Tuesday. How many pies did she bake?

End of Booklet B



EXAM PAPER 2015**LEVEL : PRIMARY 4****SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)****SUBJECT : MATHEMATICS****TERM : SA1**

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

Q21. 67136, 67317, 76 631, 79613

Q22. 13190 Q23. $\frac{33}{7}$ Q24. \$5.30 3.50 + 1.80 = 5.30

Q25. E,K Q26a) 1549 Q26b) 1450

Q27. 33° Q28. 2352 Q29. 265cm Q30. $\frac{5}{12} \frac{7}{12} - \frac{2}{12} = \frac{5}{12}$ Q31a. CD Q31b. BA Q32. 128cm² Q33. 40 toy cars

Q34. February, March and May

Q35. 4350 → 1400 - 250 -150-200-450=350

Q36. 140 coins banks → 250+450=700, 700÷5=140

Q37. 1 $\frac{3}{4}$ Q38. The school

Q39. \$1880 → 2350÷5=470, 470 x 4=188

Q40. Position E

Q41a. 2298 oranges → 9223 - 28 = 9195

Q41b. 3 oranges → left 9195 ÷ 4 = 2298R3

Q42. \$1311 → 207 x 6 =1242, 1242 + 69 = 1311

Q43a. $\frac{1}{9}$ → $1 - \frac{8}{9} = \frac{1}{9}$

Q43b. \$1700 → 850 x 2 = 1700

Q44. 4330 → 2u=60, 1u=60÷2=30, 300+30=330

Q45. 980 → Monday → 5u, Tuesday → 1u, 4u=560, 1u = 560 ÷ 4 = 140, 7u = 7 x 140 = 980

THE END

