Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2019)

PRIMARY 3

MATHEMATICS

Booklet A

Friday **25 October 2019** **1 h 45 min**

Name: _____ ( ) Class: 3.( )

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 17 questions in this booklet.

4 Answer ALL questions.

5 Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 8 printed pages (inclusive of cover page).

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Section A

Questions 1 to 4 carry 1 mark each. Questions 5 to 17 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). (30 marks)

1. 4325 is the same as 4000 + 300 + _____ + 5.

   1) 2
   2) 20
   3) 200
   4) 2000

2. How many numbers between 10 and 40 can be divided exactly by 6?

   1) 5
   2) 6
   3) 3
   4) 4

3. Which fraction is equivalent to $\frac{2}{5}$?

   1) $\frac{2}{15}$
   2) $\frac{4}{15}$
   3) $\frac{6}{15}$
   4) $\frac{12}{15}$

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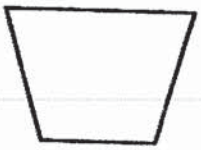
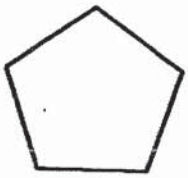
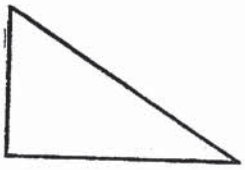
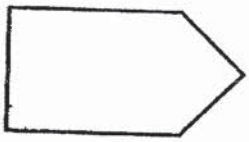
4. Which of the following figures has **both** parallel lines and perpendicular lines?

1) 

2) 

3) 

4) 

5. Find the difference between 3895 and 5605.

1) 1710
2) 1895
3) 8290
4) 9500

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6. What is the missing number in the number pattern?

5377, _____, 5397, 5407, 5417

1) 5378
2) 5387
3) 5738
4) 5783

7. Sam bought a book which cost $14.90.
He paid with two $10 notes.
How much change did he receive?

1) $4.90
2) $5.10
3) $6.10
4) $24.90

8. 300 ml of water is poured equally into 4 glasses.
What is the volume of water in 3 such glasses?

1) 75 ml
2) 100 ml
3) 150 ml
4) 225 ml

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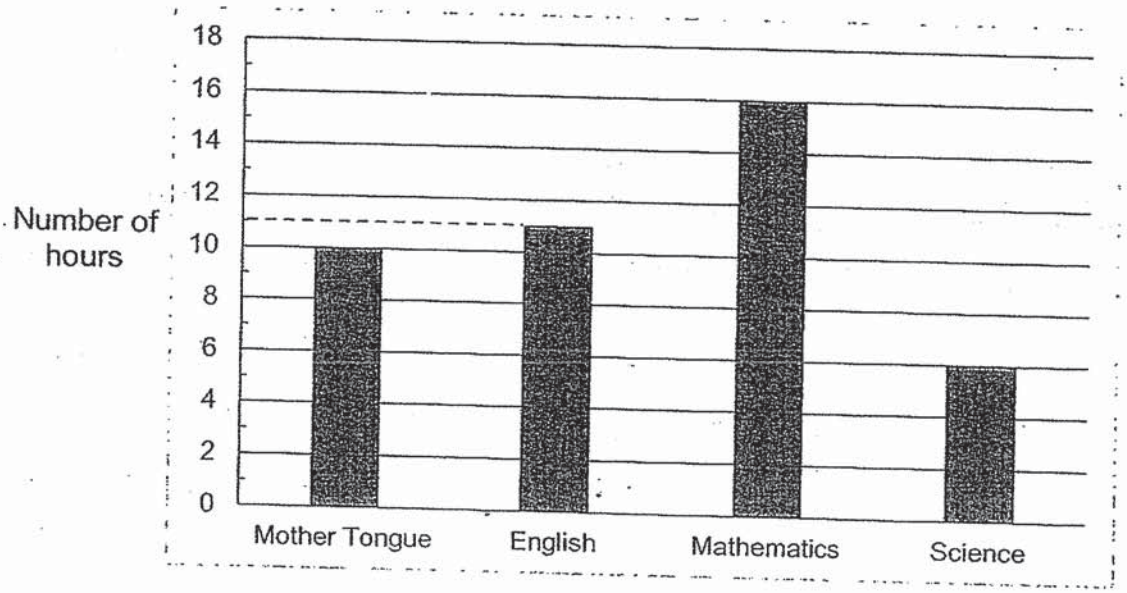
9. Express 2 km 5 m in metres.

1) 250 m
2) 2005 m
3) 2050 m
4) 2500 m

The graph below shows the amount of time Ali spent on revising for his examination. Study the graph below and answer Question 10.



10. The total number of hours Ali spent revising two subjects was 27 hours. Name the two subjects.

1) Mother Tongue and English
2) Mother Tongue and Mathematics
3) English and Mathematics
4) English and Science

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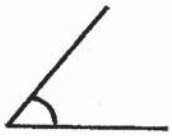
11. What time is 4 hours after 11.28 p.m.?

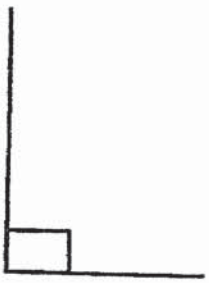
1) 3.28 a.m.
2) 3.28 p.m.
3) 7.28 a.m.
4) 7.28 p.m.

12. Which of these angles is an obtuse angle?

1) 

2)

3)

4) 

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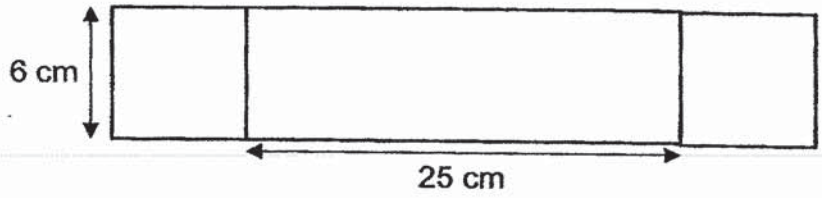
13. The figure below is made up of 2 identical squares and a rectangle.
What is the perimeter of the figure?



1) 62 cm
2) 74 cm
3) 86 cm
4) 98 cm

14. What is the missing number in the box?

÷ 9 = 23 R 8

1) 184
2) 199
3) 207
4) 215

15. The mass of a box of strawberries is 420 g.
It is 138 g heavier than a box of blueberries.
What is the mass of 3 such boxes of blueberries?

1) 186 g
2) 282 g
3) 558 g
4) 846 g

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16. Which of the following fractions is smaller than $\frac{1}{2}$?

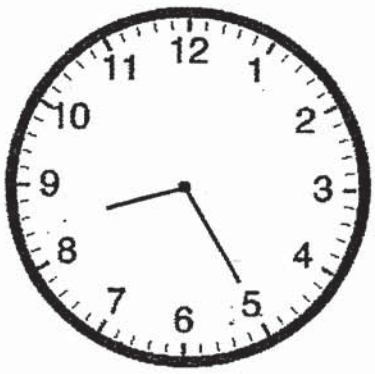
1) $\frac{4}{9}$

2) $\frac{5}{7}$

3) $\frac{3}{6}$

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

17. An assembly talk lasted for 35 minutes. It ended at 8.25 a.m. What time did it start?



1) 7.50 a.m.
2) 7.55 a.m.
3) 8.55 a.m.
4) 9.00 a.m.

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2019)

PRIMARY 3

MATHEMATICS

Booklet B

Friday **25 October 2019** **1 h 45 min**

Name: _____ ( ) Class: 3.( )

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 23 questions in this booklet.

4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	30	
B	30	
C	20	
Total	80	

This question paper consists of 14 printed pages (inclusive of cover page).

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Section B

Questions **18** to **21** carry 1 mark each. Questions **22** to **34** 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. (30 marks)

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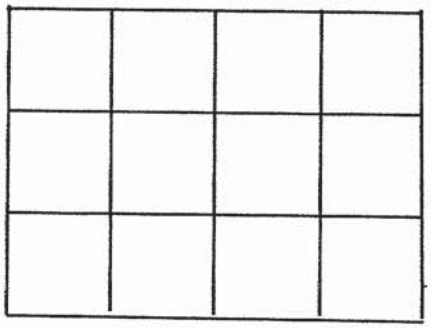
18. In 8763, which digit is in the hundreds place?

19. Find the product of 438 and 9.

20. The figure below is made up of 12 identical squares. How many squares in the figure must be shaded to show $\frac{2}{3}$ of the figure shaded$_X$?



Sub-Total :

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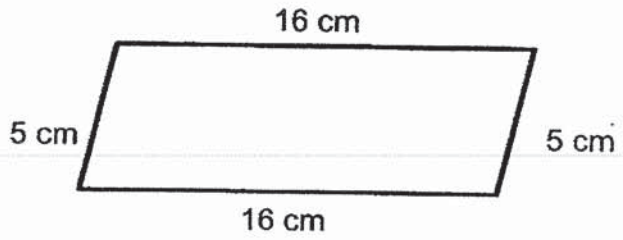
21. Find the perimeter of the figure below.



cm

22. Mr Tan sold 1650 oranges on Saturday. He sold 165 more oranges on Saturday than on Sunday. How many oranges did he sell on Sunday?

23. The difference between two numbers is 1534. The smaller number is 590. What is the sum of the two numbers?

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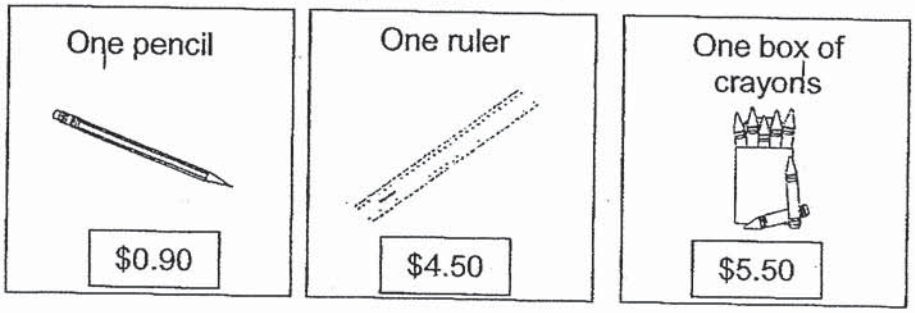
24. Mrs Lee sold 742 muffins in 7 days. She sold the same number of muffins each day. How many muffins did she sell in a day?

25. Peter bought 2 pencils, a ruler and a box of crayons.
How much did he pay for the items altogether?



$

26. Arrange the following measurement from the shortest to the longest .

290 cm, 1 m 95 cm, 2 m

_____ , _____ , _____ , _____
shortest longest

Sub-Total :

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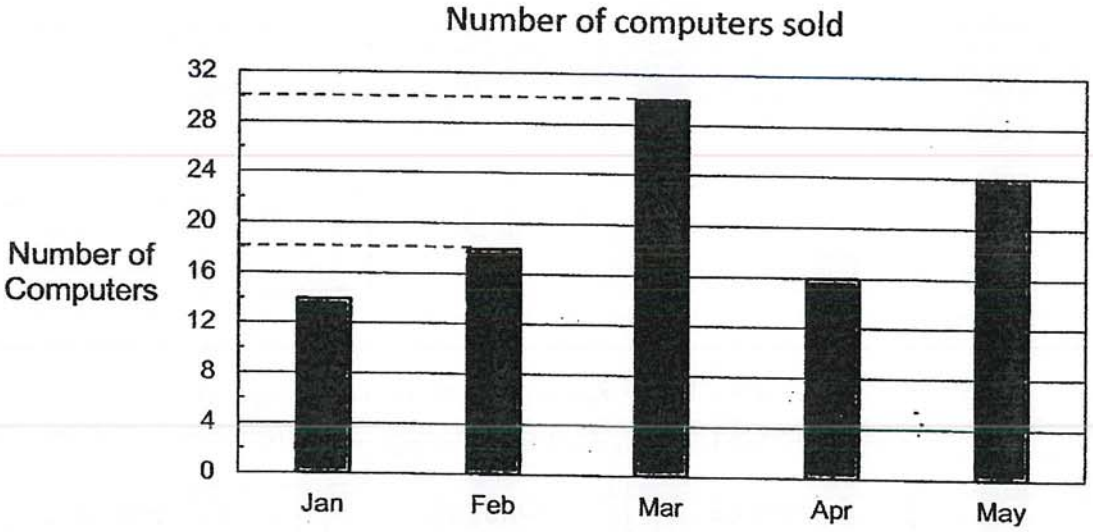
The graph below shows the number of computers sold by Pinwheel Electronics from January to May. Study the graph below and answer Question 27.



27. How many more computers were sold in March than in February?

28. John divided a cake into 8 equal slices.
He ate 1 slice and gave 3 slices of the cake to his friends.
What fraction of the cake was left?
Give your answer in the simplest form.

Sub-Total :

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29. Paul jogged in a field.
He took 25 minutes to jog round the field.
How long will he take to jog 3 rounds?
Give your answer in hours and minutes.

_____ h _____ min

30. After selling 328 stickers, John had 857 stickers left.
How many stickers did John have at first?

31. What is the difference between the value of the digit 8 in 4819 and 3582?

Sub-Total :

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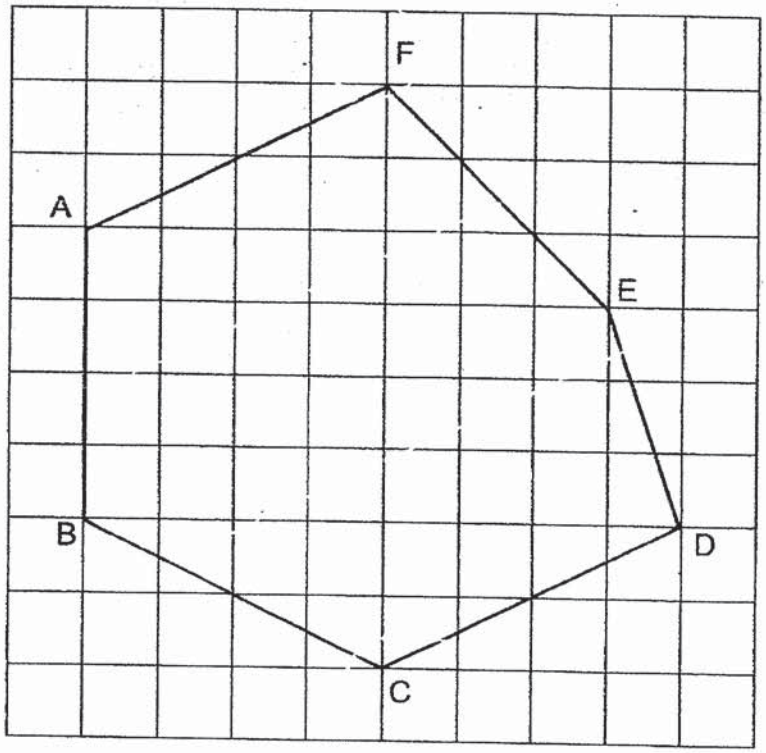
32. Find the value of $\frac{11}{12} - \frac{1}{4}$.

Give your answer in the simplest form.

33. Look at the figure below. Name a pair of parallel lines.



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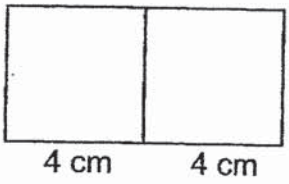
34. Two square tiles, each with a side of 4 cm, are placed side by side to form a rectangle. What is the area of the rectangle?



_____ cm^2

Sub-Total : _____

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Section C

For questions **35** to **40**, 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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35. Mr Tan had 926 apples. 575 apples were red and the rest were green. How many more red apples than green apples were there?

Ans: _____ [3]

Sub-Total :

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36. Siti bought some storybooks. She received 3 stickers free for every 15 storybooks bought. She received 24 stickers. How many storybooks did she buy?

Ans: _____ [3]

Sub-Total :

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37. Sam had 600 mangoes. He gave away 33 mangoes and packed the rest equally into 7 boxes. How many mangoes were there in each box?

Ans: _____ [3]

Sub-Total :

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38. Sally bought a skirt and a blouse for $48. The blouse cost $12 more than the skirt. How much did the skirt cost?

Ans: _____ [3]

Sub-Total :

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39. Mr Wong sold some small and large packets of rice. A small packet of rice cost $6 and a large packet of rice cost $8. Mr Wong collected $288 from selling all the large packets of rice.

a) How many large packets of rice were sold?

b) 27 more small packets of rice than large packets of rice were sold. How much was collected from the sale of all the small packets of rice?

Ans: (a) _____ [1]

(b) _____ [3]

Sub-Total : [ ]

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40. Mabel and Nicole have 640 beads altogether. Mabel has 4 times as many beads as Nicole.

a) How many beads does Nicole have?

b) How many more beads does Mabel have than Nicole?

Ans: (a) _____ [2]

(b) _____ [2]

End of Booklet B

Sub-Total :

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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : ANGLO CHINESE SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

Delivery: 98518229, 98518226, 81612644, 93858586

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

Q18 7

Q9 3942

Q20 8 squares

Q21 42cm

Q22 1485 oranges.

Q23 2714

Q24 106 muffins

Q25 $11.80

Q2 1m ,95m, 2m, 290cm

Q27 12 computers

Q28 $\frac{1}{2}$

Q29 1h 15min

Q30 1185 stickers

Q31 720

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Q32 $\frac{2}{3}$

Q33 AF//CD

Q34 32cm^2

Q35 224 apples

Q36 120 storybooks

Q37 81 mangoes

Q38 $18

Q39 (a)36 large packets

(b)$378

Q40 (a)128 beads

(b)384 beads

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