Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT (2020)

PRIMARY 3

MATHEMATICS

Booklet A

Friday **30 October 2020** **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. The value of the digit 4 in 3149 is _____.

   1) 4 ones
   2) 4 tens
   3) 40 ones
   4) 40 tens

2. 54 ÷ _____ = 2 x 3

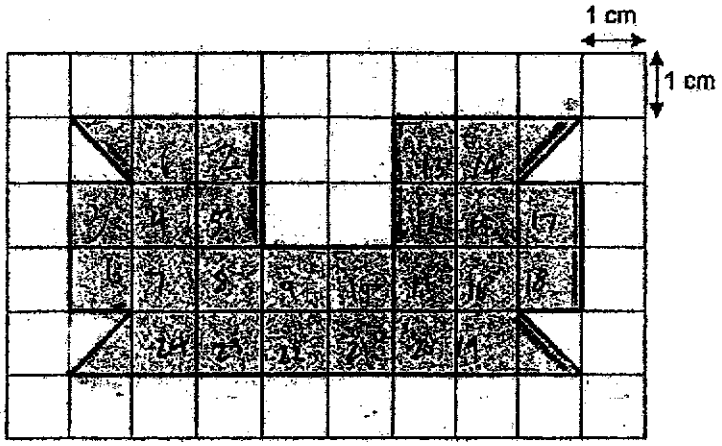
   1) 6
   2) 9
   3) 18
   4) 27

3 Which fraction is equivalent to $\frac{4}{5}$?

   1) $\frac{4}{15}$
   2) $\frac{8}{15}$
   3) $\frac{12}{15}$
   4) $\frac{14}{15}$

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4. What is the area of the shaded figure below?



1) 24 cm^2
2) 25 cm^2
3) 26 cm^2
4) 28 cm^2

5. Subtract $\frac{1}{3}$ from $\frac{7}{12}$.

1) $\frac{1}{2}$
2) $\frac{1}{3}$
3) $\frac{1}{4}$
4) $\frac{2}{3}$

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6. Which of the following fraction is greater than $\frac{3}{5}$?

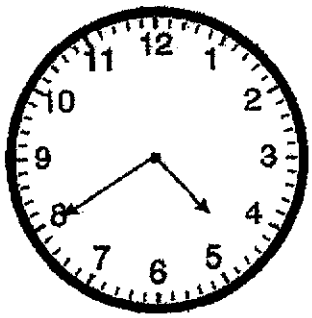
1) $\frac{2}{3}$

2) $\frac{4}{7}$

3) $\frac{5}{9}$

4) $\frac{6}{11}$

7. What is the time shown on the clock below?



1) 40 minutes past 5
2) 8 minutes past 4
3) 20 minutes to 4
4) 20 minutes to 5

8. The difference between two numbers is 1635. The smaller number is 4235. What is the other number?

1) 1300
2) 2600
3) 2935
4) 5870

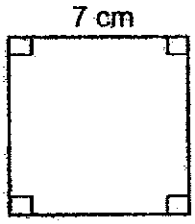
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9. Complete the number pattern below

6059, 6159, 6259, _____, 6459

1) 6269
2) 6339
3) 6359
4) 6369

10. What is the perimeter of the square below?



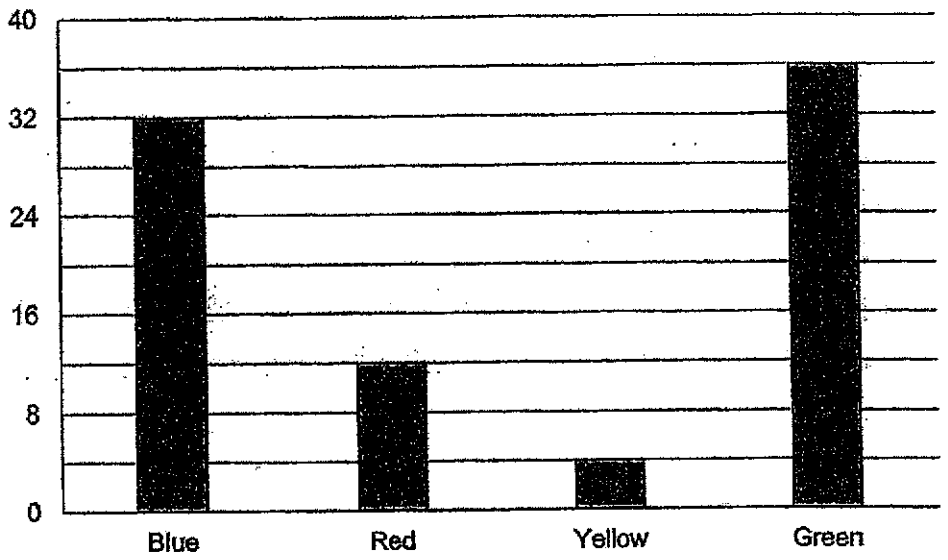
1) 14 cm
2) 21 cm
3) 28 cm
4) 49 cm

11. The mass of an adult Zebra is 258 kg. The adult Zebra is 6 times as heavy as a baby Zebra. What is the mass of the baby Zebra?

1) 42 kg
2) 43 kg
3) 44 kg
4) 45 kg

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12. The graph below shows the number of different coloured plastic cups Peter had.



Which coloured plastic cups is 3 times the number of Red plastic cups?

1) Blue
2) Red
3) Yellow
4) Green

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13. Linda was at her friend's house from 11.40 a.m. to 2.25 p.m. How long was Linda at her friend's house?

1) 2h 20 min
2) 2h 25 min
3) 2h 40 min
4) 2h 45 min

14. Siti and Jenny have 2358 beads. Siti has 814 beads. How many more beads does Jenny have than Siti?

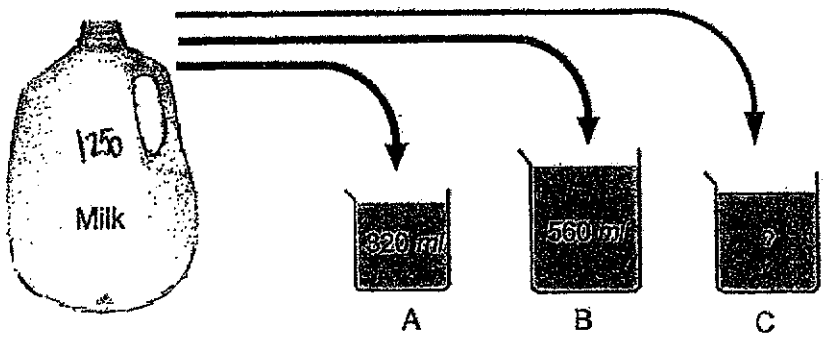
1) 730
2) 814
3) 1544
4) 3172

15. Joshua bought a toy car which cost $14.60. He paid with two $10 notes. How much change did he receive?

1) $4.60
2) $5.40
3) $5.60
4) $6.60

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16. John had 1250 *ml* of milk. He poured all the milk into containers A, B and C without spilling. How much milk was there in container C?



1) 240 *ml*
2) 370 *ml*
3) 690 *ml*
4) 930 *ml*

17. Azwan had a piece of string. He needed 159 cm of string to tie a box. He found that he was short of 40 cm to tie the box. What was the length of string Azwan had in metres and centimetres?

1) 1 m 19 cm
2) 1 m 99 cm
3) 11 m 9 cm
4) 19 m 9 cm

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT (2020)

PRIMARY 3

MATHEMATICS

Booklet B

Friday **30 October 2020** **1 h 45 min**

Name: _____ .( ) Class: 3.( ) 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 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 15 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)

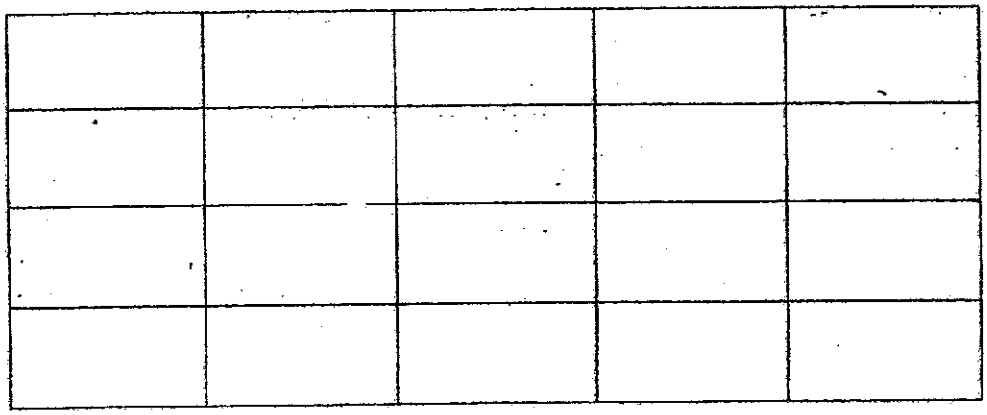
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18. Write 8 thousand, 3 hundred and 5 ones in numeral.

19. Find the product of 437 and 8.

20. The figure below is made up of 20 identical rectangles.

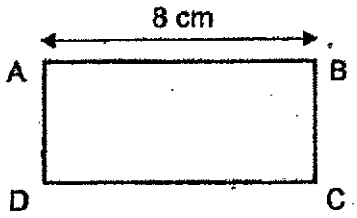
Shade some of the rectangles in the figure to show $\frac{2}{5}$ of it is shaded.



Sub-Total :

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21. In Rectangle ABCD below, AB is twice the length of BC.



Find the area of Rectangle ABCD.

cm^2

22. Find the sum of $\frac{4}{9}$ and $\frac{1}{3}$.

Sub-Total :

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23. Arrange the following fractions in order, beginning with the greatest.

$\frac{4}{9}$, $\frac{4}{11}$, $\frac{4}{7}$

_____ , _____ , _____

greatest

24. Mrs Bala sold 1098 cookies on Monday. She sold 198 fewer cookies on Monday than on Tuesday. How many cookies did she sell on Tuesday?

25. Use the digits 5, 3, 6, 1 to form the greatest 4 – digit number. Subtract the number from 8000.

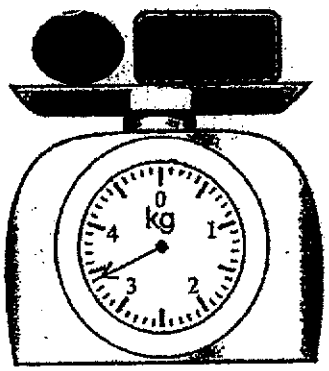
Sub-Total :

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26. Gareth has $60. His sister has $19.75 less than him.
How much does his sister have?

$

27. The mass of a rectangular block and a ball is as shown below. The mass of the ball is 980 g. What is the mass of the rectangular block? Give your answer in grams.

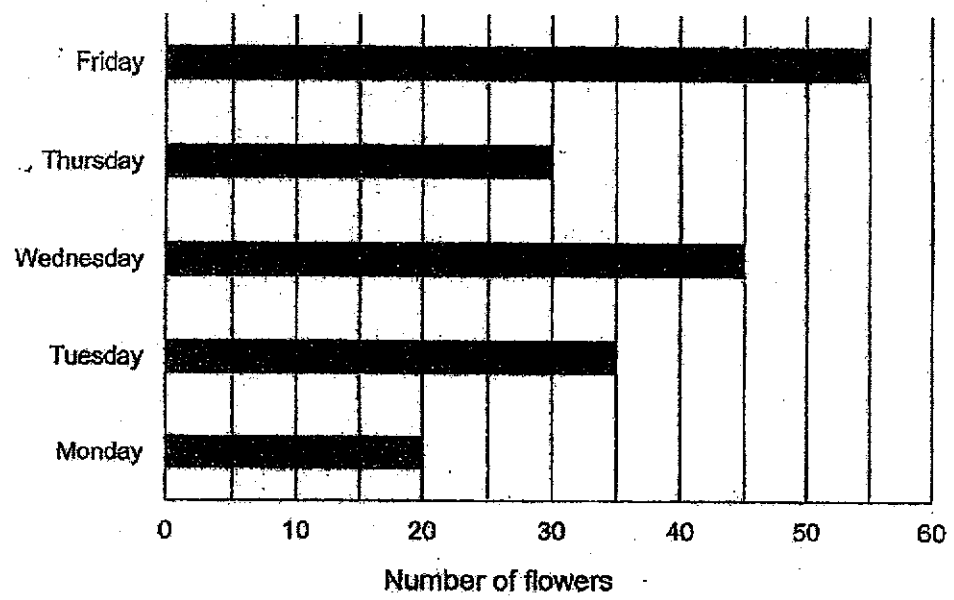


g

Sub-Total :

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28. The bar graph below shows the number of flowers a florist sold from Monday to Friday.



Find the total number of flowers sold from Monday to Friday?

Sub-Total :

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29. Ravi took 1 h 21 min to cycle from his house to his workplace. He reached his workplace at 8.18 a.m. At What time did he start cycling?

a. m.

30. Look at the numbers below.

9876, 8796, 9786, 8679

What is 1000 less than the greatest number?

Sub-Total :

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31. There are 1378 girls and 1259 boys in a school.
1045 pupils do not wear spectacles.
How many pupils wear spectacles?

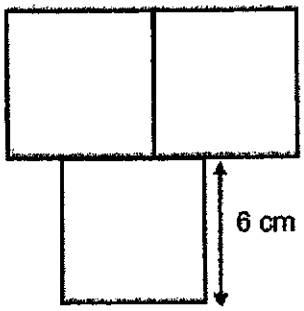
32. When a number is divided by 6, it has a remainder of 4. The number is between 45 and 50. What is the number?

Sub-Total :

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33. Mr Ahmad has 258 sweets. He gives some sweets to 8 children. Each child receives the same number of sweets. What is the most number of sweets each child will receive?

34. The figure below is made up of 3 identical squares. The side of each square is 6 cm. Find the perimeter of the figure.



cm

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. Miss Tan gave some stickers to 9 pupils. She gave 78 stickers to each pupil and had 12 stickers left. How many stickers did she have at first?

Ans: _____ [3]

Sub-Total :

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36. There are 578 lorries, cars and vans in a car park.
There are 3 times as many cars as vans.
There are 30 lorries.

a) How many cars and vans are there altogether?

b) How many vans are there?

Ans: (a) _____ [2]

(b) _____ [2]

Sub-Total :

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37. Lucy and Mary had $450 altogether. Lucy had $248 more than Mary. How much money did Mary have?

Ans: _____ [3]

Sub-Total :

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38. Sammy and Ali had an equal number of marbles at first. Ali gave Sammy 408 marbles. In the end, Sammy had 830 marbles.

a) How many marbles did Ali have in the end?

b) How many marbles did the two boys have altogether?

Ans: (a) _____ [2]

(b) _____ [2]

Sub-Total : ☐

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39. There were some passengers on the train at the beginning. After 5 passengers alighted from the train and another 32 passengers boarded the train, there were 354 passengers on the train. How many passengers were there on the train at first?

Ans: _____ [3]

Sub-Total :

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40. Mrs Tan baked a total of 254 blueberries, chocolate and durian puffs. The number of blueberries puffs was 4 times as many as chocolate puffs. She baked 34 more chocolate puffs than durian puffs. How many chocolate puffs did she bake?

Ans: _____ [3]

End of Booklet B

Sub-Total :

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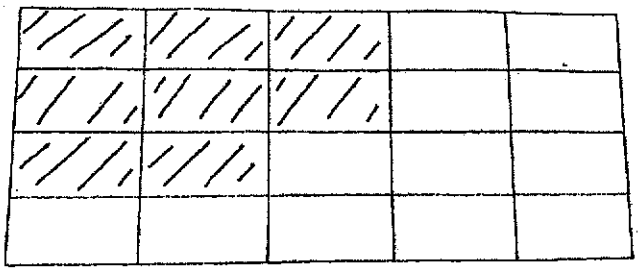
ANSWER KEY

YEAR : 2020
LEVEL : PRIMARY 3
SCHOOL : ANGLO-CHINESE SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

BOOKLET A

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

BOOKLET B

Q18	8305
Q19	3496
Q20	
Q21	32cm2
Q22	$\frac{7}{9}$
Q23	$\frac{4}{7}, \frac{4}{9}, \frac{4}{11}$
Q24	1296
Q25	1469
Q26	$40.25
Q27	2420g
Q28	185
Q29	6.57 a.m.
Q30	8876
Q31	1592
Q32	46
Q33	32
Q34	48cm

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BOOKLET C

Q35	78×9=702 702+12=714
Q36	a) 578-30=548 b) 548÷4=137
Q37	450-248=202 202÷2=$101
Q38	a) 422-408=14 b) 422+422=844
Q39	354-32=322 322+5=327
Q40	34×5=170 254-170=84 84÷6=14 14+34=48

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