Anglo-Chinese School (Junior)

SA PRACTICE PAPER (2021)

PRIMARY 3

MATHEMATICS

Booklet A

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 7 in 9078 is _____.

   1) 7
   2) 70
   3) 700
   4) 7000

2. What is the missing number?

   $\square \div 8 = 23 \text{ R } 5$

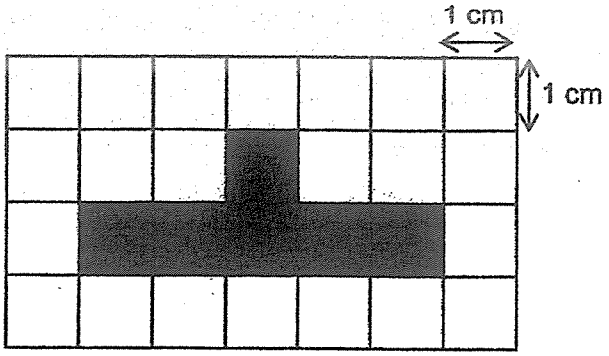
   1) 115
   2) 123
   3) 184
   4) 189

3. Which fraction is equivalent to $\frac{12}{15}$?

   1) $\frac{2}{5}$
   2) $\frac{3}{4}$
   3) $\frac{4}{5}$
   4) $\frac{2}{15}$

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4. Find the perimeter of the shaded figure.



1) 6 cm
2) 14 cm
3) 19 cm
4) 24 cm

5. Find the difference between the values of the digit 6 in 6400 and 3600?

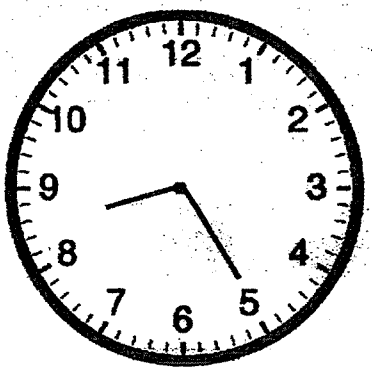
1) 540
2) 2800
3) 3000
4) 5400

6. Subtract $\frac{1}{4}$ from $\frac{5}{8}$.

1) $\frac{1}{2}$
2) $\frac{3}{4}$
3) $\frac{3}{8}$
4) $\frac{7}{8}$

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7. Look at the clock below. What is the time shown?



1) 20 minutes to 5
2) 25 minutes to 8
3) 25 minutes past 8
4) 40 minutes past 5

8. Jayden had 76 sweets. He had 58 sweets more than Kai Ming. How many sweets did Jayden and Kai Ming have altogether?

1) 76
2) 94
3) 134
4) 192

9. Mrs Jacob bought 3 kg of flour. She used some flour to bake some muffins and had 1285 g of flour left. What was the mass of flour that Mrs Jacob used to bake the muffins?
Give your answer in kilograms and grams.

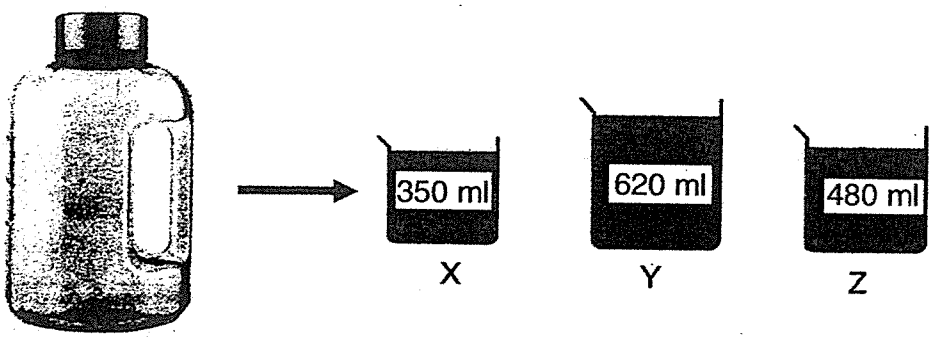
1) 1 kg 285 g
2) 1 kg 715 g
3) 2 kg 285 g
4) 2 kg 715 g

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10. Siti bought two files and a pen from her school bookshop. A file cost $4.50 and a pen cost $1.25. How much did she pay for all the items?

1) $5.75
2) $8.00
3) $9.75
4) $10.25

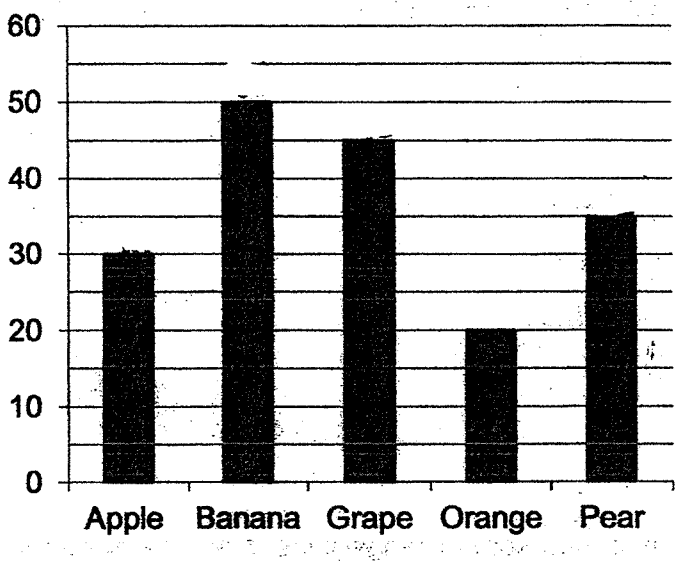
11. Helen had some orange juice in a large container. She poured all the orange juice into 3 smaller containers X, Y and Z. How much orange juice was there in the large container at first?



1) 970 *ml*
2) 1100 *ml*
3) 1300 *ml*
4) 1450 *ml*

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12. The graph below shows the number of different types of fruits some students like.



Find the total number of students who like Apple and Grape.

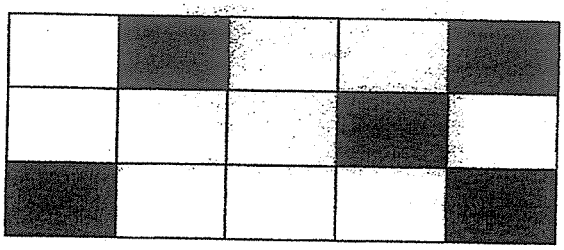
1) 30
2) 45
3) 70
4) 75

13. Julian went to the music school for his piano lesson for 1 h 30 min. His music lesson ended at 11.45 a.m. At what time did the piano lesson start?

1) 10.15 a.m.
2) 10.45 a.m.
3) 12.15 p.m.
4) 1.15 p.m.

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14. Look at the figure below. Jamie wants to shade $\frac{2}{3}$ of the figure. How many more parts must she shade?.



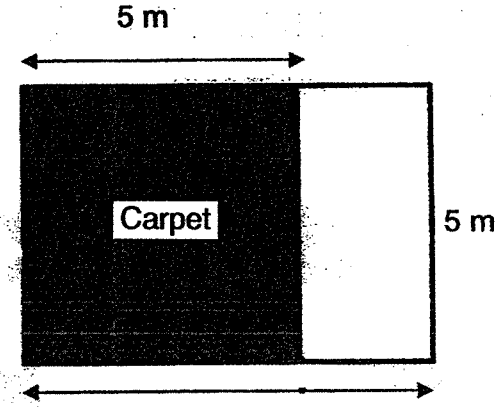
1) 5
2) 6
3) 3
4) 4

15. Sam has 5 times as many marbles as Peter. Sam has 40 more marbles than Peter. How many marbles does Sam have?

1) 48
2) 50
3) 60
4) 200

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16. Kelly's bedroom floor is 8 m by 5 m. She places a square carpet on the floor as shown below. The length of each side of the carpet is 5 m. What is the area of the floor **not covered** by the carpet?



1) 15 m^2
2) 24 m^2
3) 25 m^2
4) 40 m^2

17. A roll of red ribbon is 240 cm long. The roll of red ribbon is 4 times as long as a roll of blue ribbon. What is the total length of 6 such rolls of blue ribbon?
Give your answer in metres and centimetres.

1) 1 m 60 cm
2) 3 m 60 cm
3) 9 m 60 cm
4) 14 m 40 cm

End of Booklet A

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Anglo-Chinese School (Junior)

SA PRACTICE PAPER (2021)

PRIMARY 3

MATHEMATICS

Booklet B

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 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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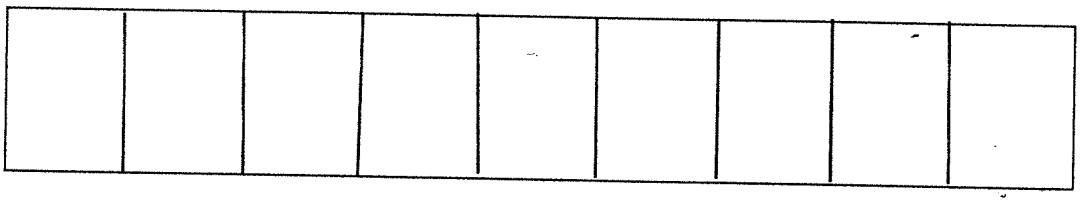
18. Write six thousand, five hundred and one in numerals.

19. Each shape represents a number.



What is the value of  ?

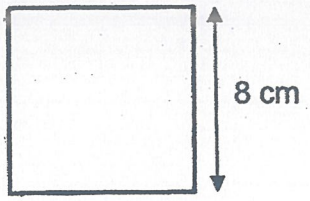
20. The figure below is made up of 9 identical rectangles. Shade some rectangles to show $\frac{1}{3}$ of it is shaded.



Sub-Total :

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21. Find the area of the square shown below.



cm^2

22. Add $\frac{1}{5}$ to $\frac{3}{10}$. Express your answer in its simplest form.

23. The clock below shows the time in the afternoon. What is the time shown on the clock?



p.m.

Sub-Total :

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24. What is the missing number?

3489 = _____ - 1878

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

$$\frac{2}{3}, \quad \frac{5}{6}, \quad \frac{1}{4}$$

_____, _____, _____

greatest

26. Look at the numbers below.

4268, 5135, 3789, 4015

Find the sum of the greatest number and the smallest number.

Sub-Total :

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27. Use all the digits 2, 4, 3 and 8 to form a number closest to 3000.

28. Luke is 156 cm tall. Mark is 10 cm shorter than Luke. What is their total height? Write your answer in metres and centimetres.

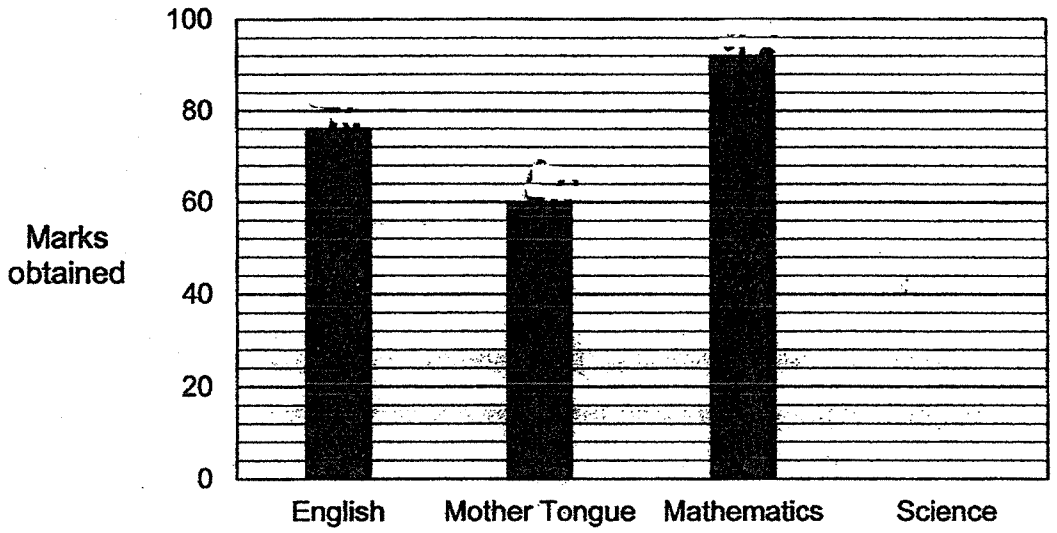
m cm

29. The sum of two numbers is 6075.
The smaller number is 2098.
Find the difference between the two numbers.

Sub-Total :

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30. The graph below shows the marks Sammy scored during his End-of-Year examinations. The marks for science is not drawn.



Sammy scored a total of 308 marks for the 4 subjects. How many marks did he score for Science?

31. Karen packed the sweets into 5 boxes. Each box has an equal number of sweets. There were 4 sweets left after packing. The total number of sweets is between 45 and 50. How many sweets did Karen have?

Sub-Total :

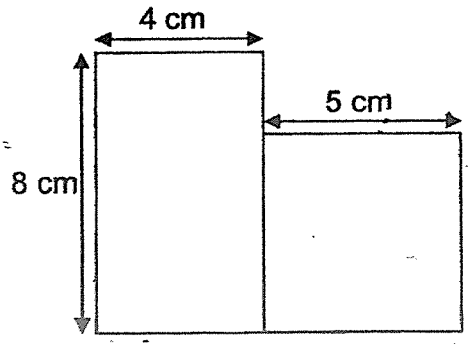
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32. Some cartons of milk are on sale in a supermarket. Miss Lim needs to get 30 cartons of milk. What is the least amount of money she needs to buy 30 cartons of milk?



$ _____

33. The figure below is made up of a rectangle and a square.
Find its perimeter.



_____ cm

Sub-Total : _____

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34. Jenny had 245 paper clips at first. She gave away 128 paper clips and then bought another 350 paper clips. How many paper clips did she have in the end?

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. A fruit seller had 159 watermelons and 205 mangoes. He sold a total of 290 watermelons and mangoes. How many fruits were not sold in the end?

Ans: _____ [3]

Sub-Total :

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36. Ken had 168 erasers at first. He gave some erasers to 6 friends and had 18 erasers left. Each friend received the same number of erasers. How many erasers did each friend receive?

Ans: _____ [3]

Sub-Total :

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37. Mabel had some money. She bought a dress for $78. Her mother then gave her $40. She had $187 in the end. How much money did she have at first?

Ans: _____ [3]

Sub-Total :

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38. Mr Goh had 72 chocolate muffins and some blueberry muffins. He sold 24 blueberry muffins. He then had 3 times as many blueberry muffins as chocolate muffins. How many blueberry muffins did Mr God have at first?

Ans: _____ [3]

Sub-Total : [ ]

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39. Nadia had some beads and Mabel had 188 beads. Then Nadia gave Mabel 118 beads. In the end, Mabel and Nadia had the same number of beads.

a) How many beads did Mabel have in the end?

b) How many beads did Nadia have at first?

Ans: (a) _____ [2]

(b) _____ [2]

Sub-Total :

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40. Mr Wong had a total of 641 red, blue and yellow stickers. The number of blue stickers was twice the number of red stickers. There were 89 more yellow stickers than red stickers.

a) How many red stickers did Mr Wong have?

b) How many yellow stickers did Mr Wong have?

Ans: (a) _____ [2]

(b) _____ [2]

End of Booklet B

Sub-Total : ☐

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ANSWER KEY

YEAR : 2021
LEVEL : Primary 3
SCHOOL : Anglo-Chinese School (Junior)
SUBJECT : MATHEMATICS
TERM : SA Practice Paper

BOOKLET A (PAPER 1)

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

BOOKLET B (PAPER 1)

Q16	6501	Q17	9
Q18	[redacted]	Q19	$8 \times 8 = 64$
Q20	$\frac{1}{5} = \frac{2}{10}$ $\frac{2}{10} + \frac{3}{10} = \frac{5}{10}$ $\frac{5}{10} = \frac{1}{2}$	Q21	2.55pm
Q22	3489+1878=5367	Q23	$\frac{5}{6}, \frac{2}{3}, \frac{1}{4}$
Q24	5135+3789=8924	Q25	2843
Q26	156-10=146 146+156=302 Ans : 3m 2 cm	Q27	6075-2098=3977 3977-2098=1879
Q28	76+60=136 136+92=228 308-228=80	Q29	45+4=49 $49 \div 5 = 9R4$ Ans : 49
Q30	$30 \div 3 = 10$ $2 \times 10 = 20$	Q31	9+8+9+8=34
Q34	245-128=117 117+350=467	Q35	159+205=364 364-290=74
Q36	168-18=150 $150 \div 6 = 25$	Q37	187-40=147 78+147=$225

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Q38	$72 \times 3 = 216$ 216+24=240	Q39	(a) 188+118=306 (b) 306+118=424
Q40	(a) 641-89=552 $552 \div 4 = 138$ (b) 138+89=227		

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