Anglo-Chinese School (Junior)

BITE-SIZED ASSESSMENT THREE (2021)
PRIMARY 3

MATHEMATICS

Monday **23 August 2021** **40 min**

INSTRUCTIONS TO PUPILS

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

Follow all instructions carefully.

There are 15 questions in this booklet.

Answer ALL questions.

You are not allowed to use a calculator.

Section	Possible Marks	Marks Obtained
A	10	
B	11	
C	9	
TOTAL	30	

Name: _____ ( )

Class: 3. ( )

Parent's Signature: _____

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

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Section A

Questions 1 to 2 carry 1 mark each.
Questions 3 to 6 carry 2 marks each.
For each question, four options are given. One of them is the correct answer. Make your choice and write its number (1, 2, 3 or 4) in the brackets provided. (10 marks)

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1. Ken buys a can of orange juice. The can is likely to contain about _____ *ml* of orange juice.



1) 3000
2) 300
3) 3
4) 30 ( )

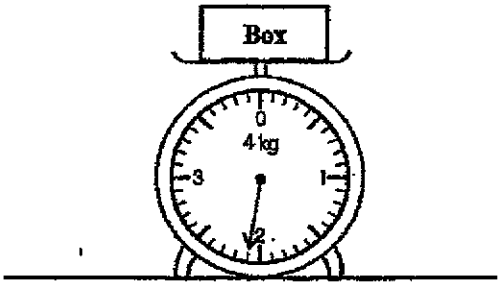
2. Which of the following fraction is smaller than $\frac{1}{2}$?

1) $\frac{2}{3}$
2) $\frac{3}{5}$
3) $\frac{5}{7}$
4) $\frac{4}{9}$ ( )

Sub – Total: [ ]

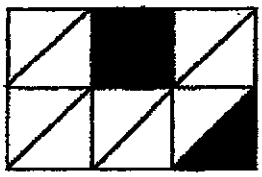
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3. Look at the weighing scale below. What is the mass of the box?



1) 2 kg 1 g
2) 2 kg 10 g
3) 2 kg 100 g
4) 2 kg 200 g ( )

4. The figure is made out of 12 identical triangles. What fraction of the figure is shaded?

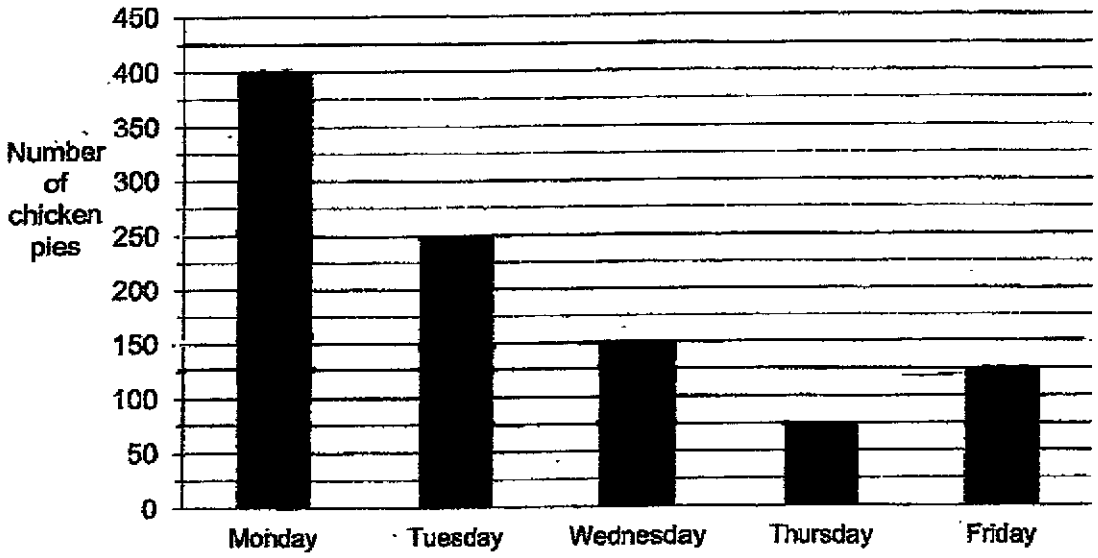


1) $\frac{1}{3}$
2) $\frac{1}{2}$
3) $\frac{1}{4}$
4) $\frac{3}{4}$ ( )

Sub – Total:

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The bar graph below shows the number of chicken pies Mrs Lim baked from Monday to Friday. Study it carefully and answer Questions 5 and 6.



5. How many chicken pies did Mrs Lim bake on Thursday?

1) 60
2) 75
3) 80
4) 85 ( )

6. On which 2 days, when added together, has the same number of chicken pies baked on Monday?

1) Tuesday and Wednesday
2) Tuesday and Thursday
3) Wednesday and Friday
4) Thursday and Friday ( )

Sub – Total:

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Section B

Questions 7 carries 1 mark.
Questions 8 to12 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: (11 marks)

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7 Express 5027 metres in kilometres and metres.

Answer: _____ km _____ m

8. What are the missing numbers?

(a) $\frac{3}{5} = \frac{6}{\boxed{?}}$

(b) $\frac{8}{12} = \frac{\boxed{?}}{3}$

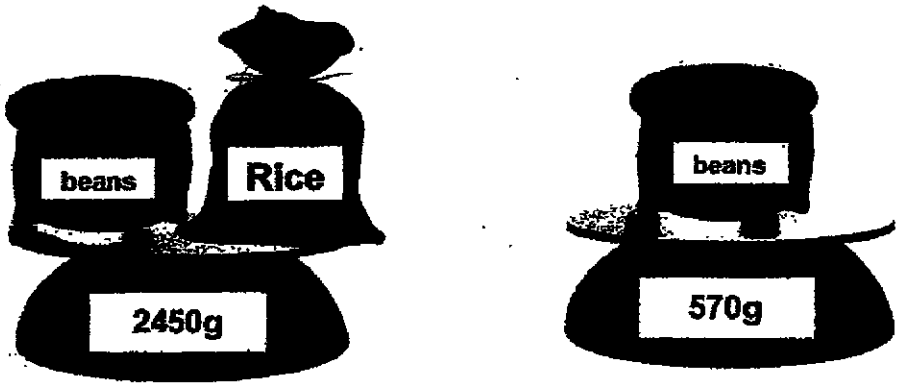
Answer: (a) _____

(b) _____

Sub – Total: [ ]

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9. Look at the weighing scales below. Find the mass of the sack of rice
Give your answer in kilograms and grams.



Answer: _____ kg _____ g

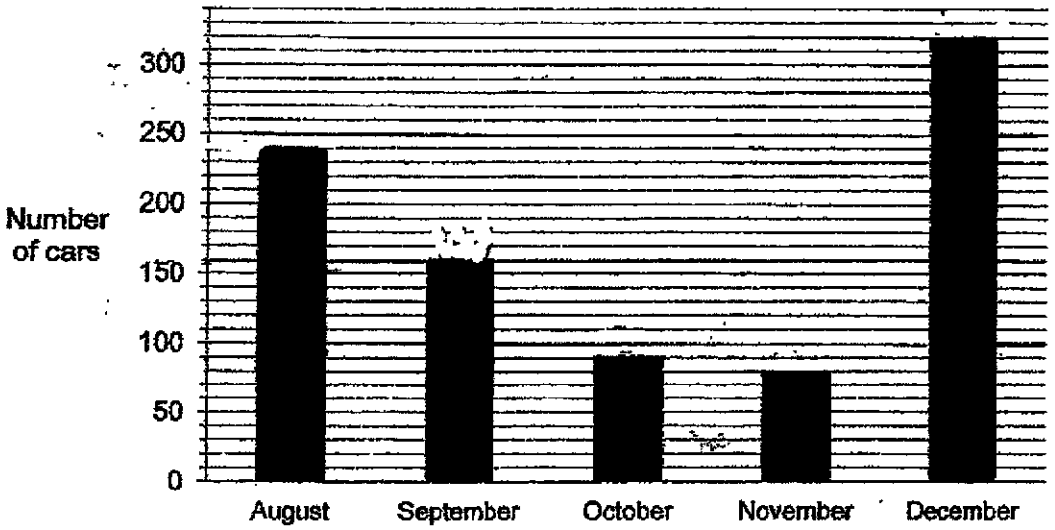
10. What fraction must be added to $\frac{1}{4}$ to get $\frac{7}{8}$?

Answer: _____

Sub – Total: [ ]

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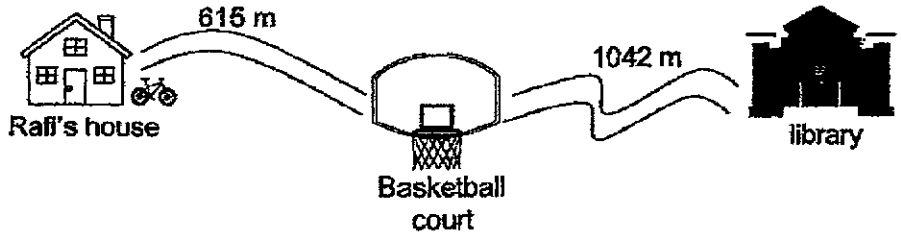
The bar graph below shows the number of cars sold in 5 different months. Study it carefully and answer Question 11.



11 In which month was the number of cars sold twice of that the number of cars sold in November?

Answer: _____

12. Rafi cycled from his house to the library to borrow some books. After that, he cycled back home. What was the total distance that Rafi had cycled?



Answer: _____ m

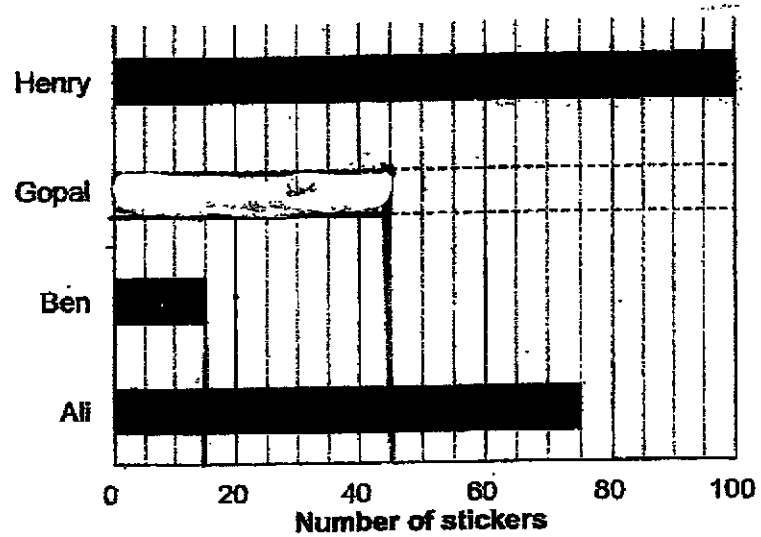
Sub – Total: [ ]

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Section C

For questions 13 to 15, 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. (9 marks)

13. The bar graph shows the number of stickers collected by 4 children. Study it carefully and answer questions 13a and 13b.



(a) How many more stickers did Henry collect than Ali?

(b) Gopal collected 3 times as many stickers as Ben. How many stickers did Gopal collect? **Complete the bar graph above** to show the number of stickers Gopal has collected.

Answer: (a) _____ [1]

Sub – Total: ☐

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14. Tammy used 136 g of sugar to bake a chocolate cake. She used 45 g of cocoa powder less than the sugar. She used 4 times as much flour as cocoa powder. What was the mass of flour Tammy used?

Answer: _____ [3]

Sub – Total: ☐

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15. A barrel and 5 identical pails can hold 235 litres of water. The barrel and one pail can hold 175 litres of water. How much water can 1 pail hold?

Answer: _____ [3]

Sub – Total: ☐

End of Paper

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ANSWER KEY

YEAR : 2021
LEVEL : Primary 3
SCHOOL : Anglo-Chinese School (Junior)
SUBJECT : MATHEMATICS
TERM : Bite-Sized Assessment 3

BOOKLET A

Q1	2	Q2	4	Q3	3	Q4	3	Q5	2
Q6	1								

BOOKLET B

Q7	5027m = 5km 27m	Q8	(a) $5 \times 2 = 10$ (b) $8 \div 4 = 2$
Q9	2450-570=1880 1880g = 1kg 880g	Q10	$\frac{1}{4} = \frac{2}{8}$ $\frac{7}{8} - \frac{2}{8} = \frac{5}{8}$
Q11	September	Q12	615+1042=1657 1657+1657=3314
Q13	(a) 100-75=25 (b) $15 \times 3 = 45$	Q14	136-45=91 $91 \times 4 = 364g$
Q15	235-175=60 $60 \div 4 = 15\ell$		

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