

# 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.

Name: \_\_\_\_\_ ( )

Class: 3. ( )

Parent's Signature: \_\_\_\_\_

| Section      | Possible Marks | Marks Obtained |
|--------------|----------------|----------------|
| A            | 10             |                |
| B            | 11             |                |
| C            | 9              |                |
| <b>TOTAL</b> | <b>30</b>      |                |

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

**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

(       )

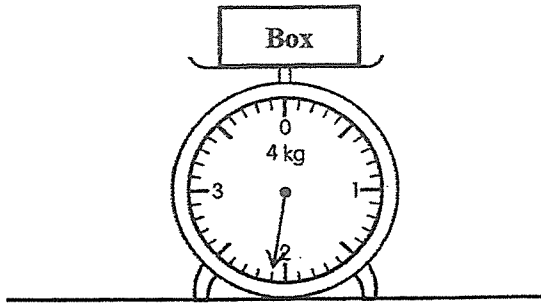
2. Which of the following fraction is smaller than  $\frac{1}{2}$  ?

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

(       )

Sub – Total:

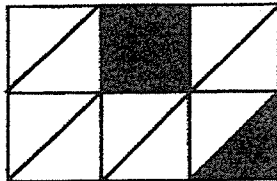
3. Look at the weighing scale below. What is the mass of the box?



- 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?

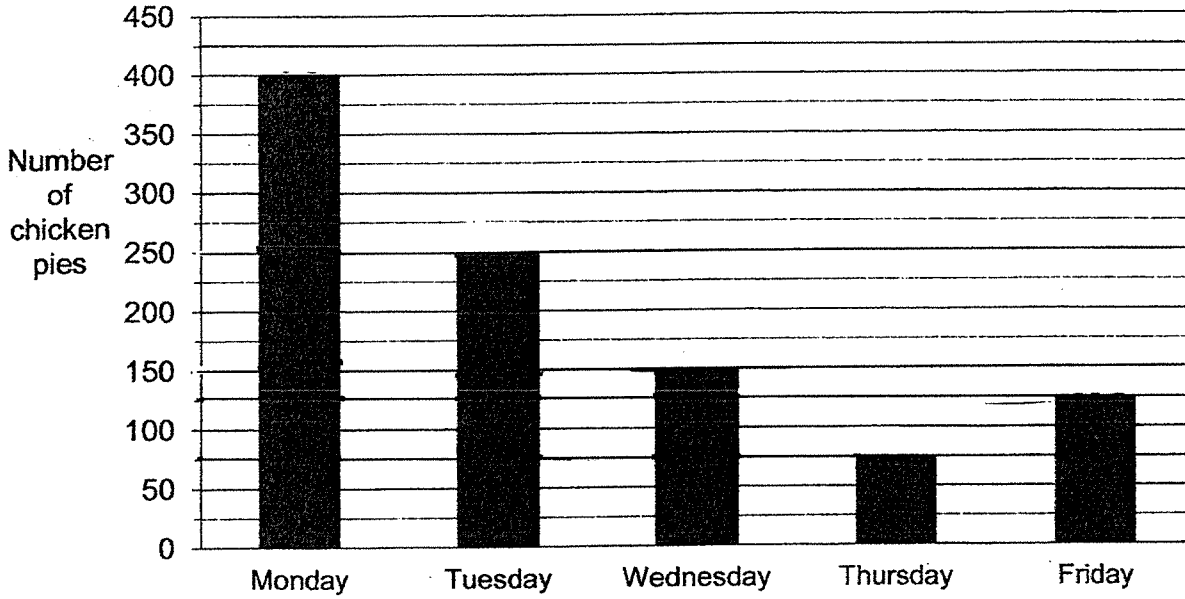


- 1)  $\frac{1}{3}$   
2)  $\frac{1}{2}$   
3)  $\frac{1}{4}$   
4)  $\frac{3}{4}$

( )

Sub - Total:

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:

**Section B**

Questions 7 carries 1 mark.

Questions 8 to 12 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)  $\frac{3}{5} = \frac{6}{\boxed{?}}$

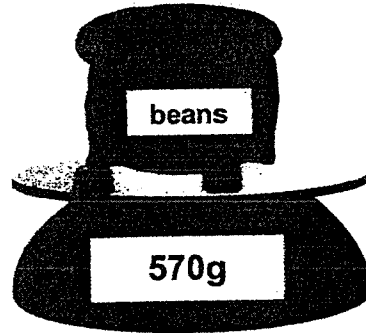
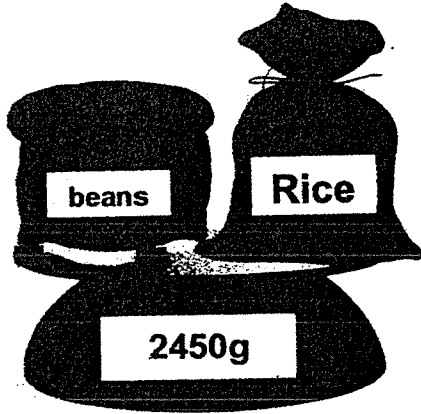
(b)  $\frac{8}{12} = \frac{\boxed{?}}{3}$

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_

Sub – Total:

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



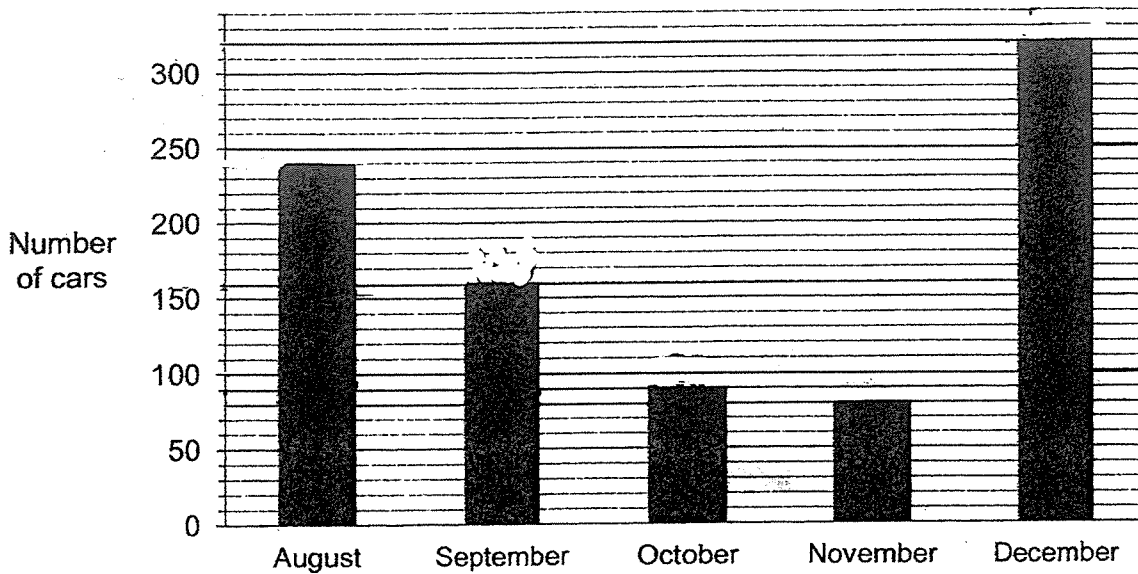
Answer: \_\_\_\_\_ kg \_\_\_\_\_ g

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

Answer: \_\_\_\_\_

Sub - Total:

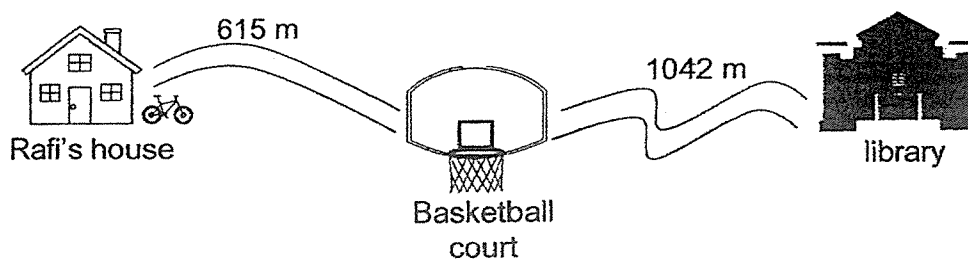
The bar graph below shows the number of cars sold in 5 different months. Study it carefully and answer Question 11.



- 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?



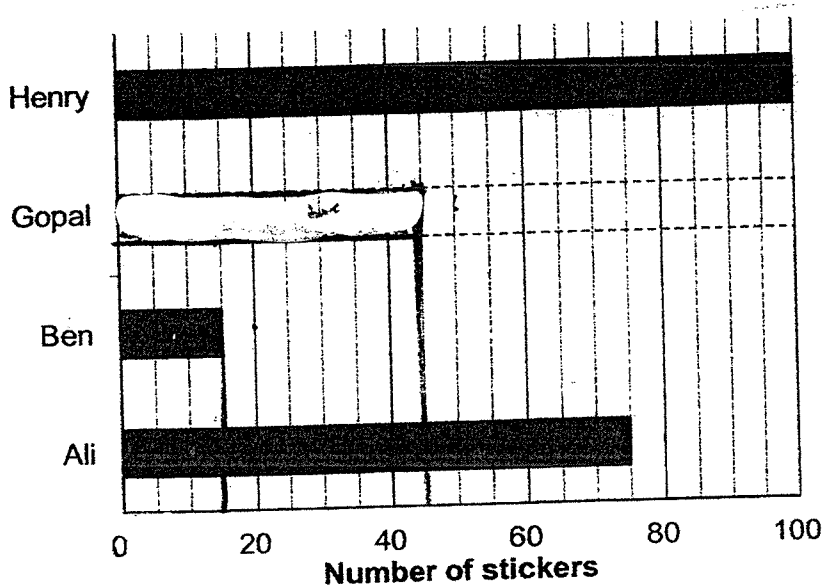
Answer: \_\_\_\_\_ m

Sub - Total:

**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:

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:

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]

**End of Paper**

Sub – Total:



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

1  
END