



Nan Hua Primary School  
Primary 3 Mathematics  
Term 1 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C	/6
<b>Total:</b>	<b>/20</b>

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

Class: Primary 3/\_\_\_\_\_

Date: \_\_\_\_\_

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

Answer all questions.

**Section A**

Questions 1 to 8 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the bracket provided. (8 marks)

1 Which of the following is six thousand and forty-five in numerals?

(1) 6540

(2) 6450

(3) 6054

(4) 6045

( )

2 What is the value of the digit 7 in 8271?

(1) 7

(2) 70

(3) 700

(4) 7000

( )

- 3 Arrange the following numbers from the greatest to the smallest.

2380

2083

2803

	<u>Greatest</u>		<u>Smallest</u>
(1)	2380	, 2803	, 2083
(2)	2380	, 2083	, 2803
(3)	2803	, 2380	, 2083
(4)	2803	, 2083	, 2380

( )

- 4 Find the difference between 3456 and 789.

(1) 2667

(2) 3135

(3) 3333

(4) 4245

( )

- 5 In the number pattern below, what is the missing number?

4100, 4135, 4170, \_\_\_\_\_, 4240, 4275

(1) 4195

(2) 4200

(3) 4205

(4) 4215

( )

6 Write \$6.05 in cents.

(1) 65 ¢

(2) 605 ¢

(3) 650 ¢

(4) 6005 ¢

( )

7 Arrange the items from the most expensive to the cheapest.



storybook

\$18.95



bag

\$39.90



water bottle

\$20.50

(1) bag , storybook , water bottle

(2) bag , water bottle , storybook

(3) storybook , water bottle , bag

(4) water bottle , bag , storybook ( )

- 13 6169 people were watching a soccer match. 4096 of them were men and the rest were women. How many fewer women than men were there?

Do not write  
in this space

Ans: \_\_\_\_\_ [3]

End of Paper



Nan Hua Primary School  
Primary 3 Mathematics  
Term 2 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C	/6
Total:	/20

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

Class: Primary 3 \_\_\_\_\_

Date: \_\_\_\_\_

Duration: 30 minutes

Answer all questions.

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

**Section A**

Questions 1 to 8 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the bracket provided. (8 marks)

1 6 fives is the same as \_\_\_\_\_.

(1)  $6 \times 6 \times 6 \times 6 \times 6$

(2)  $6 + 6 + 6 + 6 + 6$

(3)  $5 \times 5 \times 5 \times 5 \times 5$

(4)  $5 + 5 + 5 + 5 + 5$

( )

2 Find the product of 309 and 7.

(1) 2102

(2) 2103

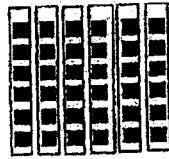
(3) 2163

(4) 2172

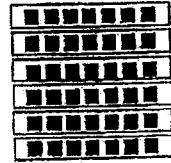
( )

3 Which picture shows 5 multiply by 7?

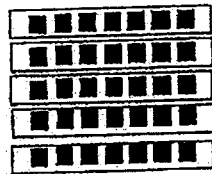
(1)



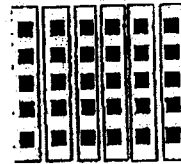
(2)



(3)



(4)



( )

4 There were 72 chairs in the school hall. The prefects arranged 8 chairs in each row. How many rows of chairs did they arrange?

(1) 6

(2) 7

(3) 8

(4) 9

( )

5 The librarian packed 384 books equally into 8 boxes for P1 classes to read during morning assembly. How many books did she pack in a box?

(1) 42

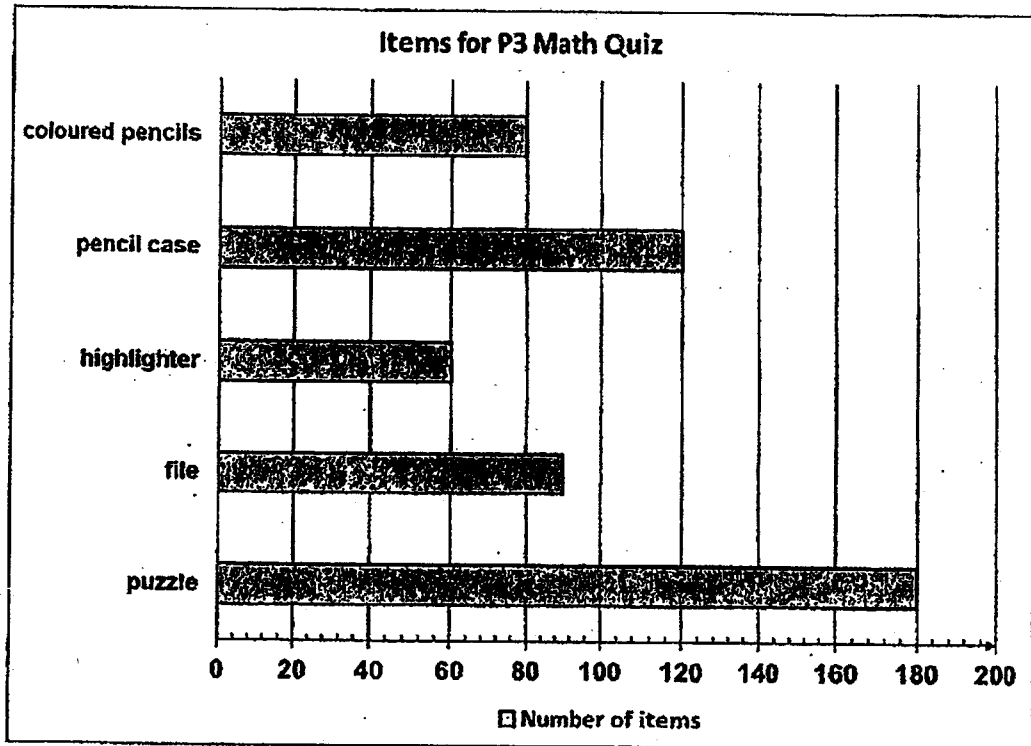
(2) 44

(3) 46

(4) 48

( )

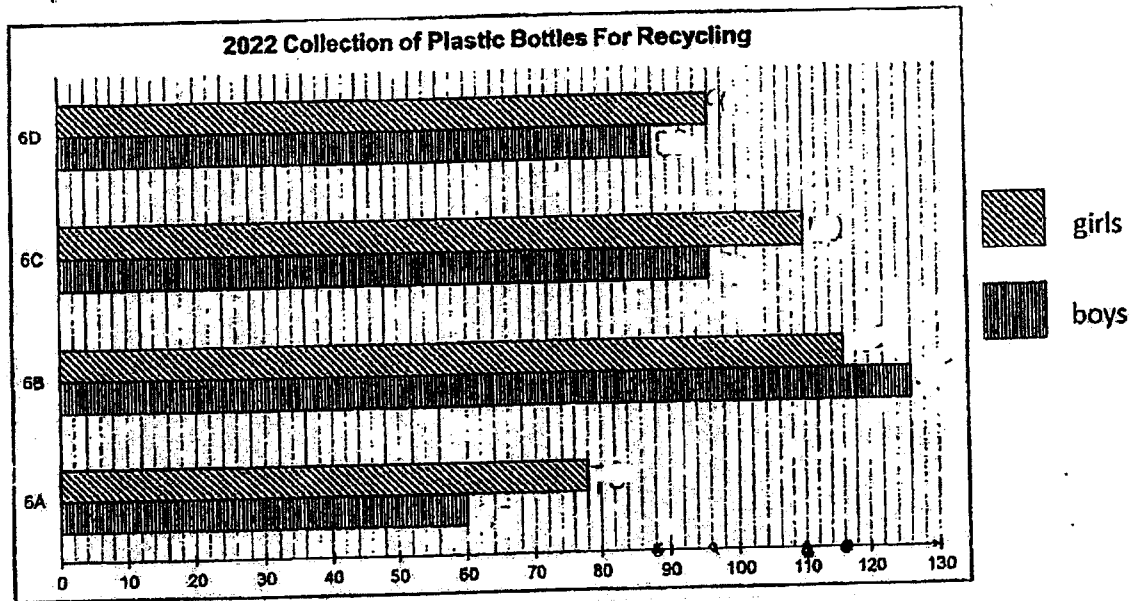
- 6 The bar graph shows the items that Mdm Ong purchased to give away as prizes for P3 quizzes. She purchased 3 times as many puzzles as the \_\_\_\_\_.



- (1) file  
(2) highlighter  
(3) pencil case  
(4) coloured pencils

( )

Study this bar graph and answer questions 7 and 8. The bar group shows the number of plastic bottles collected by four P6 classes for a recycling project.



7 Which class has collected a total of 184 plastic bottles?

- (1) 6A
- (2) 6B
- (3) 6C
- (4) 6D

( )

8 Which class has 14 more plastic bottles collected by the girls than the boy?

- (1) 6A
- (2) 6B
- (3) 6C
- (4) 6D

( )



**Section B**

Questions 9 to 11 carry 2 marks each. Write your answers in the spaces provided.  
For questions which require units, give your answers in the units stated. (6 marks)

Do not write  
in this space

- 9 Jimmy spent \$18.80 for lunch. Which two food items did he order?



French fries

\$8.90



Ice-cream

\$7.90



Burger

\$9.90

Ans: \_\_\_\_\_

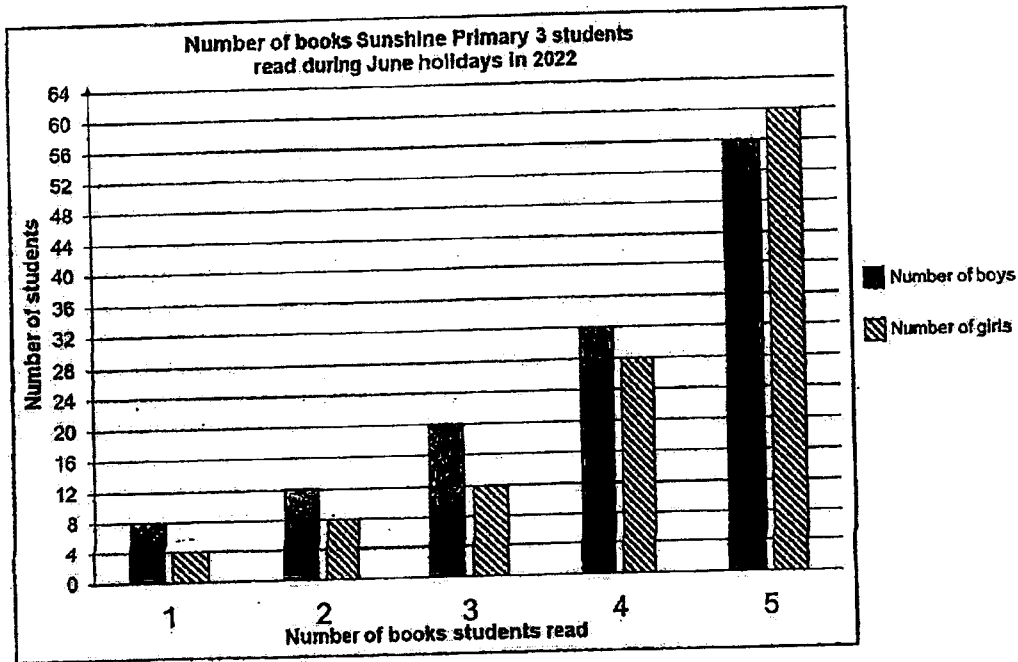
\_\_\_\_\_

- 10 When a number is divided by 6, the quotient is 117 with remainder 1. What is the number?

Ans: \_\_\_\_\_

- 11 The bar graph shows the number of books Sunshine Primary 3 students read during June holidays in 2022.

Do not write  
in this space



- (a) How many more boys than girls read only 1 book?

Ans: (a) \_\_\_\_\_

- (b) How many girls read more than 2 books?

Ans: (b) \_\_\_\_\_

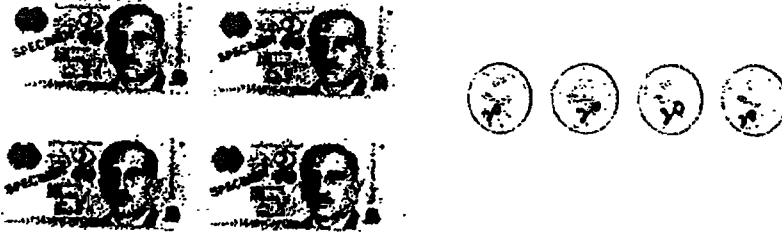


### Section C

For questions 12 to 13, show your working clearly and write your answers in the spaces provided. The number of marks is shown in brackets [ ] at the end of each question or part-question. (6 marks)

Do not write  
in this space

- 12 Randy bought two T-shirts from a shop. The amount of change he received is shown below.



- (a) How much change did Randy receive?

Ans: (a) \_\_\_\_\_ [1]

- (b) Randy wanted to buy a cap that cost \$18.50. How much more money does he need to buy the cap?

Ans: (b) \_\_\_\_\_ [2]



- 13 A pet shop owner had 640 fishes and birds. He had 184 fewer birds than fishes.  
How many birds did he have in his pet shop?

Do not write  
in this space

Ans: \_\_\_\_\_ [3]

End of Paper



Nan Hua Primary School  
Primary 3 Mathematics  
Term 3 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C:	/6
Total:	/20

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

Class: Primary 3 \_\_\_\_\_

Date: \_\_\_\_\_

Duration: 30 minutes

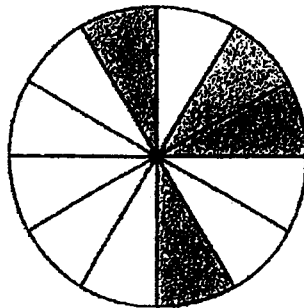
Answer all questions.

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

**Section A**

Questions 1 to 8 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the bracket provided. (8 marks)

1 What fraction of the following figure is unshaded?



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

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

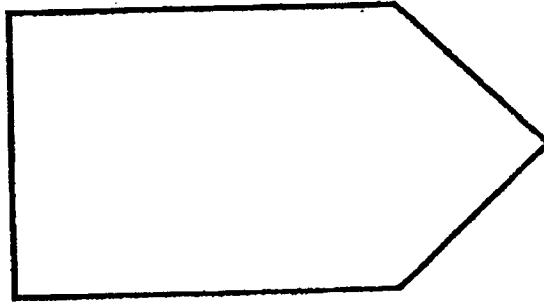
(3)  $\frac{2}{3}$

(4)  $\frac{4}{12}$

( )

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- 2 How many right angles are there in the figure below?



- (1) 1  
(2) 2  
(3) 3  
(4) 5

( )

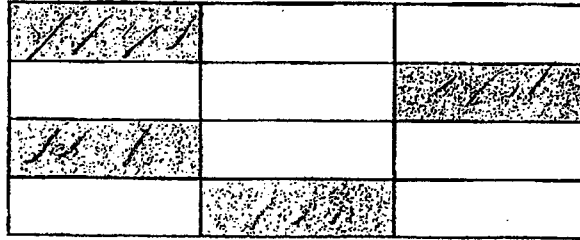
- 3 Which of the following fractions is the simplest form of  $\frac{9}{12}$ ?

- (1)  $\frac{1}{4}$   
(2)  $\frac{3}{4}$   
(3)  $\frac{3}{12}$   
(4)  $\frac{18}{24}$

( )

(Go on to the next page)

- 4 How many more boxes need to be shaded so that  $\frac{5}{6}$  of the figure is shaded?



- (1) 1  
(2) 2  
(3) 6  
(4) 10

( )

- 5 The mass of a math textbook is about \_\_\_\_\_.



- (1) 5 g  
(2) 50 g  
(3) 500 g  
(4) 5000 g

( )

(Go on to the next page)

- 6 Arrange the students from the shortest to the tallest.

Amy	1 m 9 cm
Ben	1 m 62 cm
Charlie	105 cm
Dora	170 cm

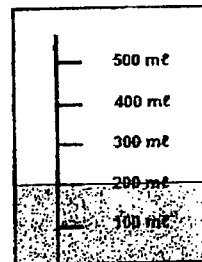
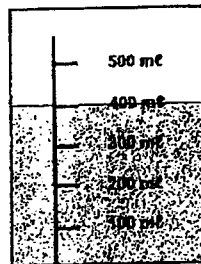
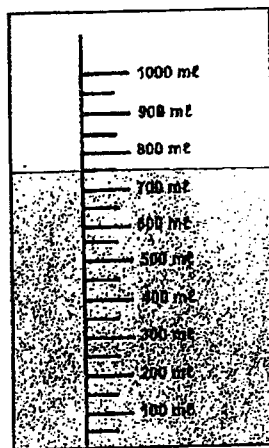
Shortest

Tallest

- (1) Charlie , Amy , Ben , Dora  
 (2) Charlie , Amy , Dora , Ben  
 (3) Amy , Ben , Charlie , Dora  
 (4) Amy , Charlie , Ben , Dora

( )

- 7 What is the total volume of the liquid in the three beakers?



- (1) 750 ml  
 (2) 1300 ml  
 (3) 1350 ml  
 (4) 2000 ml

( )

(Go on to the next page)



- 8 What number does box A and box B represent?

$$\frac{2}{\boxed{A}} = \frac{4}{12} = \frac{\boxed{B}}{36}$$

- |     | A  |   | B  |
|-----|----|---|----|
| (1) | 6  | , | 8  |
| (2) | 6  | , | 12 |
| (3) | 10 | , | 28 |
| (4) | 2  | , | 36 |

( )

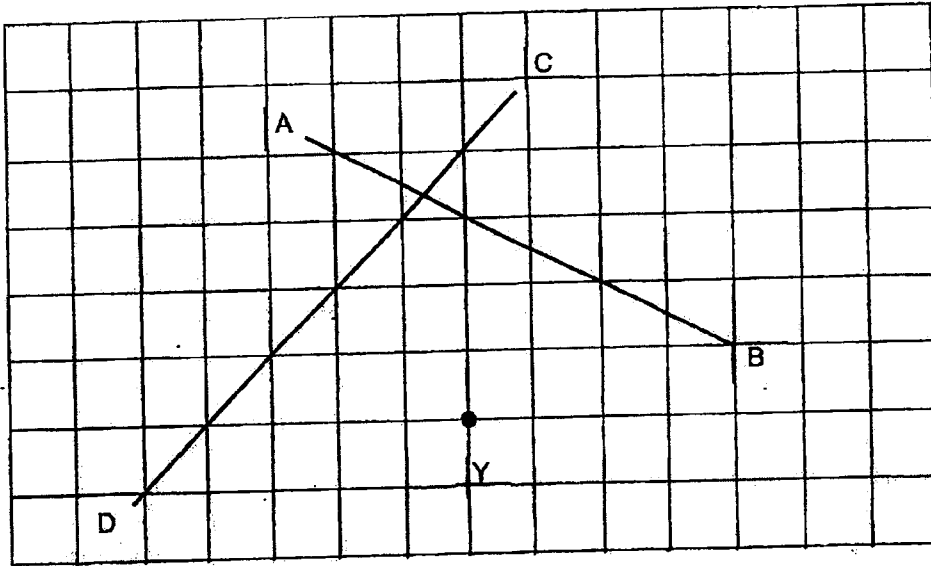
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**Section B**

Questions 9 to 11 carry 2 marks each. Write your answers in the spaces provided.  
For questions which require units, give your answers in the units stated. (6 marks)

Do not write  
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- 9 Draw a line perpendicular to the line CD that passes through point Y.



- 10 Peter ran 2800 m around the neighbourhood.  
He took a short rest and ran another 250 m.  
How far did he run in total?  
Give your answer in kilometres and metres.

Ans: \_\_\_\_\_ km \_\_\_\_\_ m

(Go on to the next page)

11

- a) Arrange the following in order. Begin with the greatest.

$$\frac{3}{8}$$

$$\frac{3}{7}$$

$$\frac{3}{11}$$

Ans a): \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
Greatest

- b) Arrange the following in order. Begin with the smallest.

$$\frac{4}{8}$$

$$\frac{9}{10}$$

$$\frac{2}{11}$$

Ans b): \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
Smallest



(Go on to the next page)

**Section C**

For questions 12 to 13, show your working clearly and write your answers in the spaces provided. The number of marks is shown in brackets [ ] at the end of each question or part-question. (6 marks)

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in this space

**12** Aaron bought a cake and cut it into 9 equal slices.

Sally took 2 slices while Peter took 6 slices.

(a) What fraction of the cake did Sally and Peter take altogether?

Ans: (a) \_\_\_\_\_ [2]

(b) What fraction of the cake did Aaron have left?

Ans: (b) \_\_\_\_\_ [1]

(Go on to the next page)

- 13 John bought 4 identical containers.

Each container had a capacity of 600 ml.

After pouring some water into the containers, he realised he would need another 450 ml of water to completely fill up all the containers.

How much water did he have at first?

Do not write  
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Ans: \_\_\_\_\_ [3]

End of Paper



YEAR : 2023  
 LEVEL : PRIMARY 3  
 SCHOOL : NAN HUA PRIMARY SCHOOL  
 SUBJECT : MATHEMATICS  
 TERM : TERM 1 & 2 & 3 WEIGHTED ASSESSMENT

**TERM 1 WEIGHTED ASSESSMENT**

Q1	4	Q2	2	Q3	3	Q4	1	Q5	3
Q6	2	Q7	2	Q8	4				

Q9	$985 + 520 = 1505$	Q10	$56 + 36.90 = \$92.90$ $100 - 92.90 = \$7.10$
Q11	6	Q12	(a) $1837 - 408 = 1429$ Mr Lim baked 1429 buns in the afternoon. (b) $1837 + 1429 = 3266$ Mr Lim baked 3266 buns altogether.
Q13	$6169 - 4096 = 2073$ $4096 - 2073 = 2023$ There were 2023 fewer woman than man.		

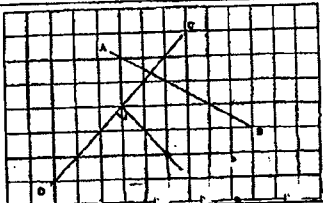
**TERM 2 WEIGHTED ASSESSMENT**

Q1	4	Q2	3	Q3	3	Q4	4	Q5	4
Q6	2	Q7	4	Q8	3				

Q9	$\$8.90 + \$9.90 = \$18.80$ Ans: French fries. Burger	Q10	$117 \times 6 = 702$ $702 + 1 = 703$
Q11	(a) 4 (b) $12 + 28 + 60 = 100$	Q12	(a) \$8.80 (b) $\$18.80 - \$8.80 = \$9.70$ He needed \$9.70 more money to buy the cap.
Q13	$640 - 184 = 456$ $456 \div 2 = 228$ He had 228 birds.		

# **TERM 3 WEIGHTED ASSESSMENT**

Q1	3	Q2	2	Q3	2	Q4	3	Q5	3
Q6	1	Q7	3	Q8	2				

Q9		Q10	$2800 + 250 = 3050$ $3050 = 3\text{km } 50\text{m}$
Q11	<p>a) <math>\frac{3}{7}, \frac{3}{8}, \frac{3}{11}</math></p> <p>b) <math>\frac{2}{11}, \frac{4}{8}, \frac{9}{10}</math></p>	Q12	<p>(a) <math>\frac{6}{9} + \frac{2}{9} = \frac{8}{9}</math></p> <p>Sally and Peter took <math>\frac{8}{9}</math> of the cake.</p> <p>(b) <math>1 - \frac{8}{9} = \frac{1}{9}</math></p> <p>Aaron had <math>\frac{1}{9}</math> of the cake left.</p>
Q13	$600\text{ml} \times 4 = 2400\text{ml}$ $2400\text{ml} - 450\text{ml} = 1950\text{ml}$ He had 1950ml at first.		