Pei Hwa Presbyterian Primary School
Mathematics
Weighted Assessment 2
Primary 3

40

Name: _____ ( ) Class: 3 Responsibility___

Date : _____ Parent's Signature: _____

Section A: Multiple Choice Questions (15 marks)

Questions 1 to 5 carry 1 mark each and Questions 6 to 10 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) and write your choice (1, 2, 3 or 4) in the brackets provided.

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1. Multiply 7 by 7.

(1) 14
(2) 42
(3) 49
(4) 77

( )

2. Divide 72 by 8.

(1) 8
(2) 9
(3) 64
(4) 80

( )

3. What of the following has the same value as 6×4?

(1) $4 \times 4 \times 4 \times 4$
(2) $4 + 4 + 4 + 4$
(3) $6 + 6 + 6 + 6$
(4) $6 \times 6 \times 6 \times 6$

( )

4. There are 312 paper clips in a bag. Cayden has 3 such bags.
How many paper clips does he have in total?

(1) 104
(2) 140
(3) 912
(4) 936 ( )

5. Alice and Ben have 180 stamps altogether. Alice has 4 times as many stamps as Ben. How many stamps does Ben have?

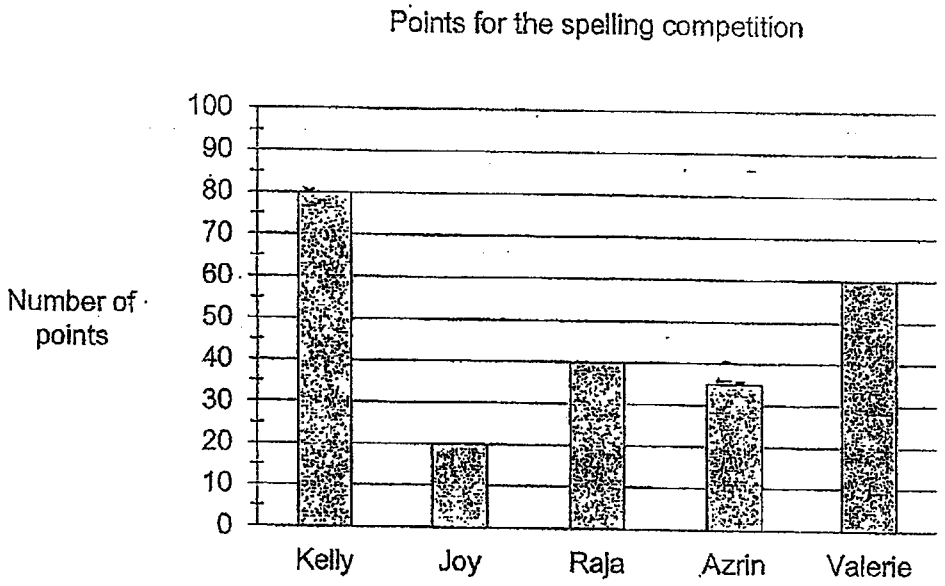
(1) 36
(2) 45
(3) 60
(4) 90 ( )

6. A number when divided by 9 has a quotient of 126 and a remainder of 8. What is the number?

(1) 1142
(2) 1134
(3) 1126
(4) 1017 ( )

Study the bar graph below and answer questions 7 and 8.

The bar graph shows the number of points obtained by five pupils in a spelling competition.



7. Who has twice as many points as Raja?

(1) Joy
(2) Kelly
(3) Azrin
(4) Valerie

( )

8. How many points does Valerie have more than Azrin?

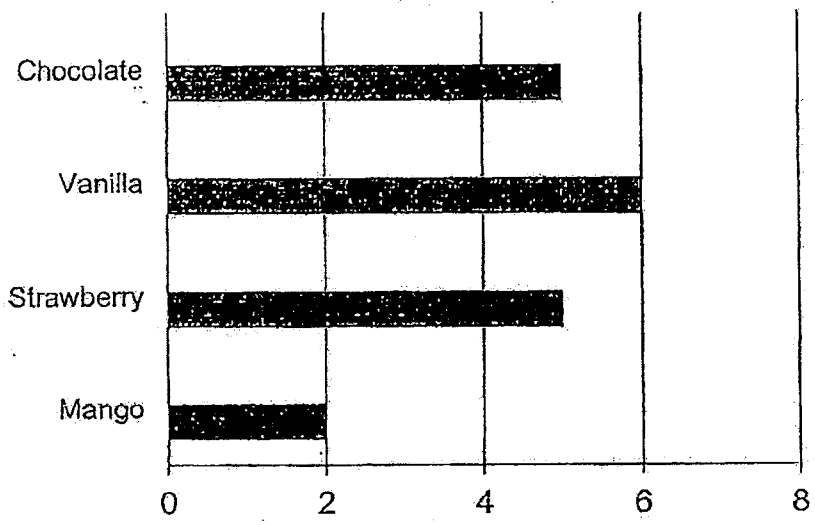
(1) 20
(2) 25
(3) 35
(4) 95

( )

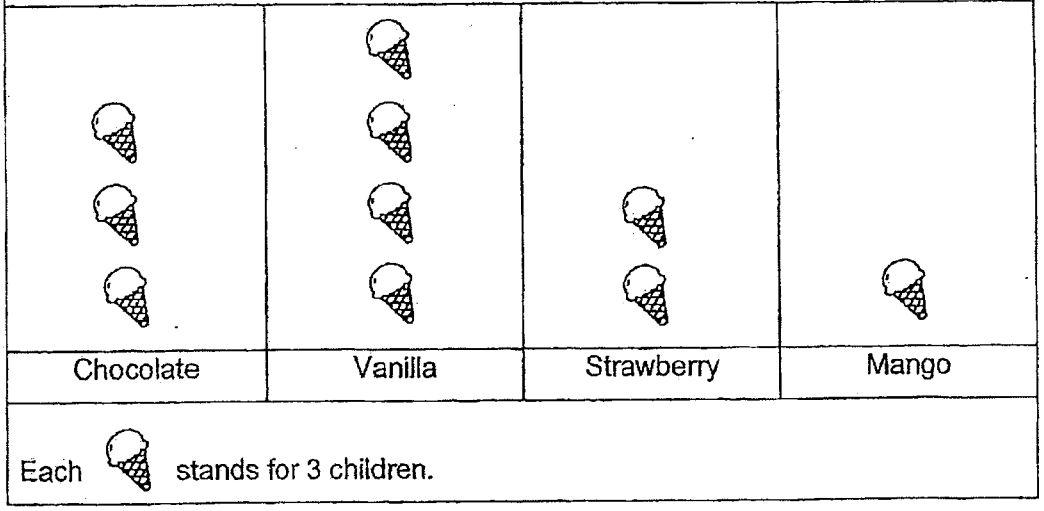
Study the graphs below and answer questions 9 and 10.

Children from classes A and B were asked to choose an ice-cream flavour from chocolate, vanilla, strawberry and mango. The graphs below show their choices.

Types of ice-cream flavours chosen by Class A



Types of ice-cream flavours chosen by Class B



9. In Class A, which two flavours have equal number of votes?

(1) vanilla and mango
(2) chocolate and vanilla
(3) mango and strawberry
(4) chocolate and strawberry

( )

10. Which statement is true?

(1) Mango is chosen the most among all the children in classes A and B.
(2) Strawberry is voted the least among all the children in classes A and B.
(3) The number of children who voted for mango is the same in both classes.
(4) There are fewer children in Class A who have chosen vanilla than children in Class B.

( )

Section B: Short-answer Questions (15 marks)

Questions 11 to 15 carry 1 mark each and Questions 16 to 20 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this space

11. What is the remainder when 766 is divided by 6?

Ans: _____

12. Fill in the blanks with 'more' or 'less'.

(a) 5 x 8 is 8 _____ than 6 x 8

(b) 7 x 6 is 6 _____ than 6 x 6

13. What is the missing digit in the box?

$$\begin{array}{r} \boxed{?}\ 7\ 8 \\ \times\qquad 7 \\ \hline 2\ 6\ 4\ 6 \end{array}$$

Ans: _____

14. Jerina donated $9. Gabriel donated 5 times as much money as Jerina. How much money did Gabriel donate?

Ans: $ _____

15. The product of two numbers is 105. One of the numbers is 7. Find the other number.

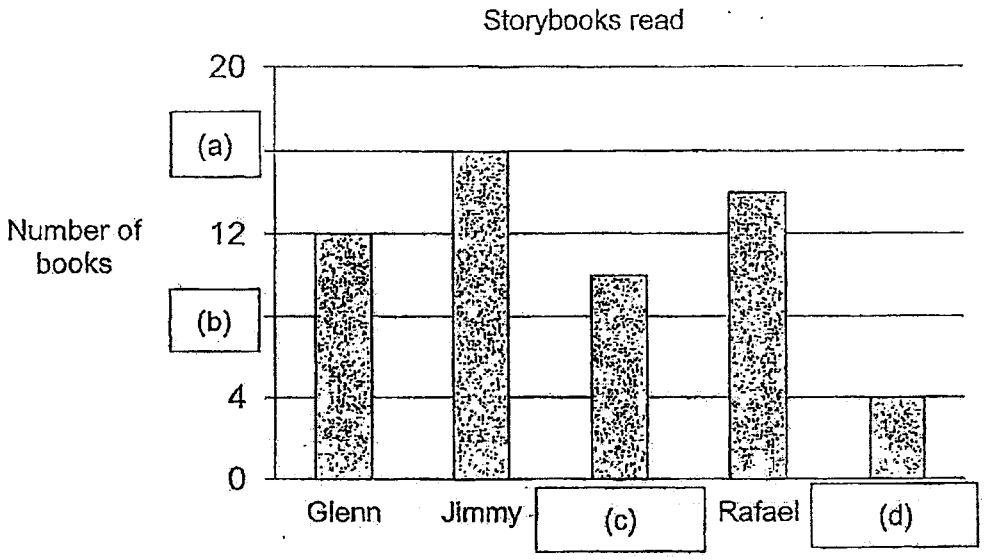
Ans: _____

16. Emma had 720 beads at first. She gave an equal number of beads to each of her 4 friends and had 24 beads left. How many beads did she give to each of her friends?

Ans: _____

Study the bar graph below and answer questions 17 and 18.

The bar graph shows the number of storybooks read by 5 boys in a term.



17. What are the missing numbers in (a) and (b)?

Ans:

(a)	(b)

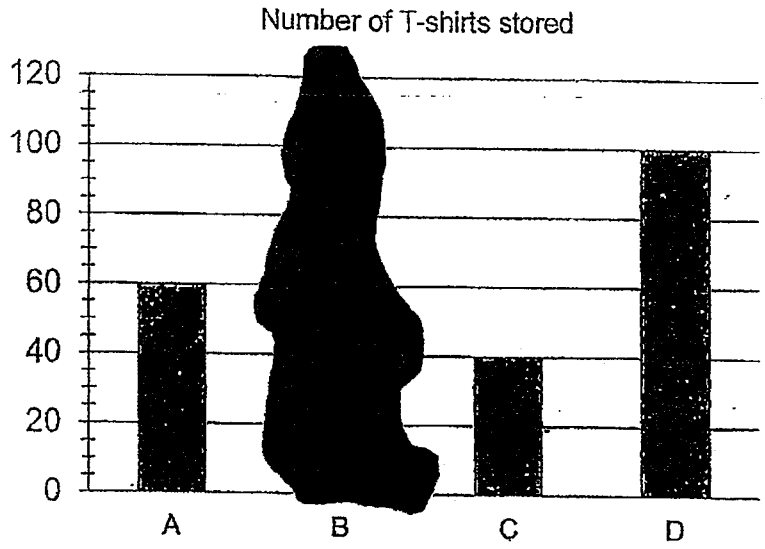
18. Jimmy read 2 more storybooks than Rafael. Oliver read the least number of storybooks. Ben read more storybooks than Oliver but lesser than Glenn.

What are the missing names in (c) and (d)?

Ans:

(c)	(d)

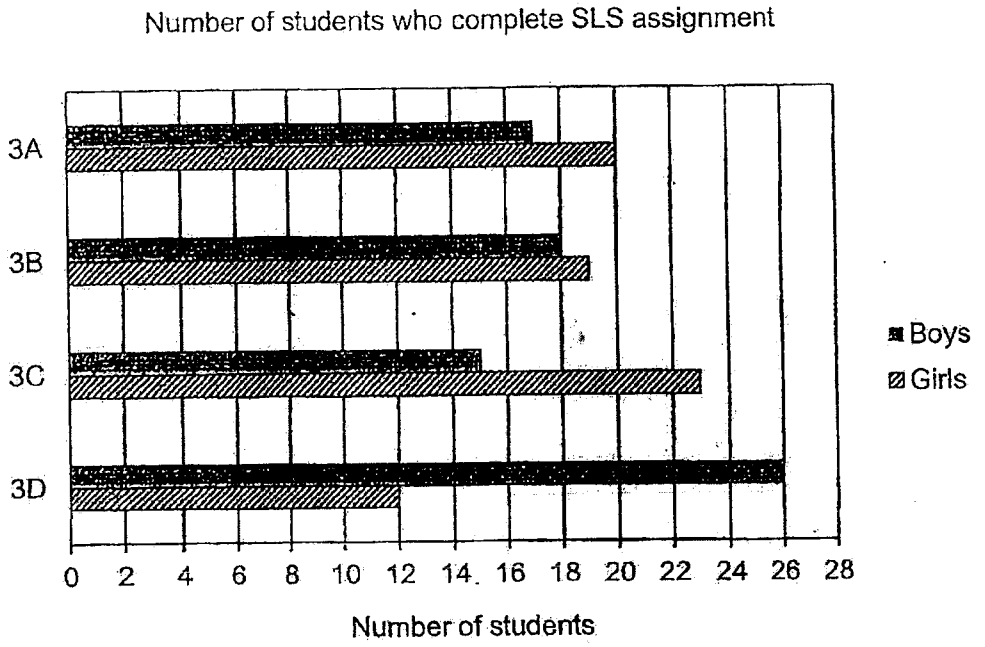
19. The bar graph shows the number of T-shirts stored in four shops, A, B, C and D. The total number of T-shirts stored in all shops was 250. The number of T-shirts stored in Shop B was covered with ink blotch.



Each statement is either true or false from the information given.
Put a tick (✓) to indicate your answer.

	Statement	True	False
a)	Shop B had the greatest number of T-shirts.		
b)	Shop D needs to transfer 20 T-shirts to Shop A so that both Shops A and D will have the same number of T-shirts stored.		

20. The bar graph shows the number of students of Primary 3 in classes 3A, 3B, 3C and 3D who complete their Student Learning Space (SLS) assignment in a week.



(a) How many students complete the SLS assignment in Class 3C?

Ans: _____

(b) Which class has more boys than girls who complete the SLS assignment?

Ans: _____

Section C: (10 marks)

For questions 21 to 23, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.

Do not write in this space

21. There were 80 boys and 64 girls in the school hall making paper flowers.

(a) How many children were there altogether in the hall?

(a) Ans: _____ [1]

(b) Each child made 6 paper flowers. How many paper flowers did the children make in total?

(b) Ans: _____ [2]

22. Paul bought 7 boxes of pins. There were 235 pins in each box.

(a) How many pins did Paul buy altogether?

(a) Ans: _____ [1]

(b) Paul opened one box of pins and gave 61 pins to his friends. Then, he repacked all the remaining pins in that box into 6 packets. How many pins were there in each packet?

(b) Ans: _____ [2]

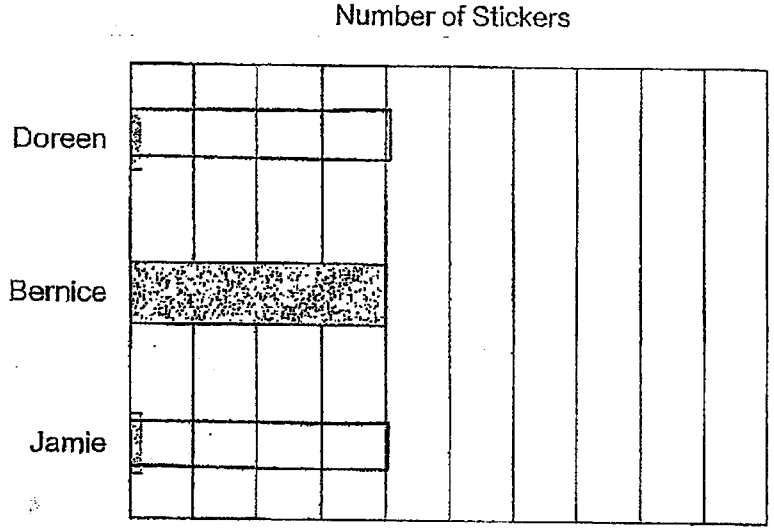
Do not write in this space

23. Jamie, Bernice and Doreen had an equal number of stickers at first.

The number of stickers they had is not shown on the scale.

(a) Complete the graphs for Jamie and Doreen. [1]

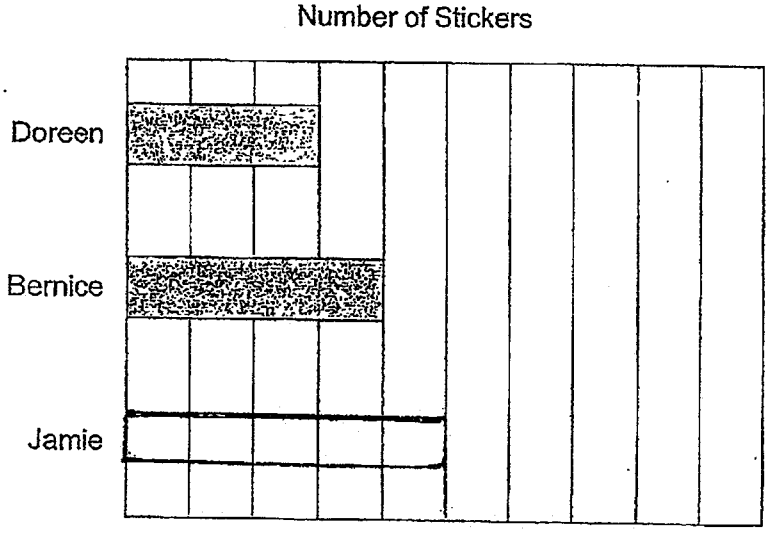
(You do not have to shade.)



(b) During a game, Doreen gave some of her stickers to Jamie.

How many stickers did Jamie have after that?

Complete the graph for Jamie. [1]



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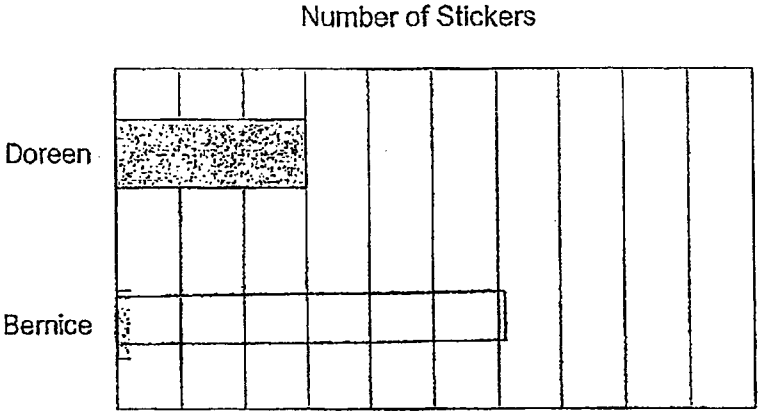
(c) Bernice decided to buy more stickers. After buying more stickers, she had twice as many stickers as Doreen. Complete the graph for Bernice only. [1]

Do not write in this space



(d) Circle the word that describes the statement. [1]

(**Doreen / Bernice / Jamie**) had the least number of stickers in the end.

End of Paper

Pei Hwa Presbyterian Primary School

Mathematics

Weighted Assessment 3

Primary 3

30

Name: _____ ( ) Class: Responsibility ( )

Date : _____ Parent's Signature: _____

Section A: Multiple Choice Questions (12 marks)

Questions 1 to 4 carry 1 mark each. Questions 5 to 8 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).

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1 Which of the following is an equivalent fraction of $\frac{2}{3}$?

(1) $\frac{4}{5}$

(2) $\frac{6}{7}$

(3) $\frac{10}{15}$

(4) $\frac{14}{24}$

( )

2 Which of the following is correct?

(1) $\frac{1}{5} > \frac{1}{2}$

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

(3) $\frac{3}{8} < \frac{5}{6}$

(4) $\frac{7}{12} < \frac{5}{12}$

( )

3 200 cm + 9 cm = ☐

(1) 2 km 90 m

(2) 2 km 9 m

(3) 2 m 90 cm

(4) 2 m 9 cm ( )

4 Which of the following is the longest?

(1) 2540 m

(2) 2 km 54 m

(3) 2 km 504 m

(4) 20 m 54 cm ( )

5 Arrange the following fractions from the greatest to the smallest.

$\frac{1}{3}$, $\frac{4}{7}$, $\frac{4}{9}$, $\frac{8}{9}$

Greatest Smallest

(1) $\frac{4}{9}$, $\frac{8}{9}$, $\frac{4}{7}$, $\frac{1}{3}$

(2) $\frac{8}{9}$, $\frac{4}{9}$, $\frac{1}{3}$, $\frac{4}{7}$

(3) $\frac{8}{9}$, $\frac{4}{7}$, $\frac{4}{9}$, $\frac{1}{3}$

(4) $\frac{1}{3}$, $\frac{4}{9}$, $\frac{4}{7}$, $\frac{8}{9}$ ( )

6 Subtract $\frac{1}{4}$ from $\frac{11}{12}$

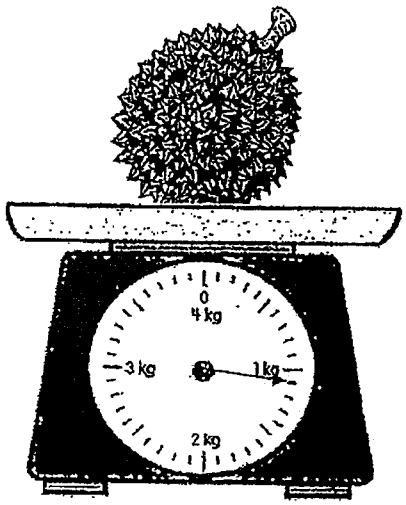
(1) $\frac{5}{6}$

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

(3) $\frac{8}{8}$

(4) $\frac{10}{8}$ ( )

7 What is the mass of the durian?



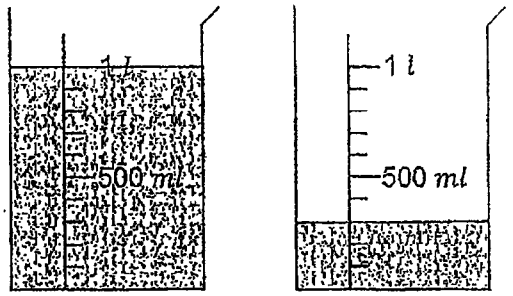
(1) 1 kg 1 g

(2) 1 kg 10 g

(3) 1 kg 11 g

(4) 1 kg 100 g ( )

8 How much water must be poured from Beaker A to Beaker B so that both beakers have the same amount of water?



Beaker A Beaker B

(1) 350 ml

(2) 650 ml

(3) 700 ml

(4) 1300 ml ( )

Section B: Short-answer Questions (12 marks)

Questions 9 to 12 carry 1 mark each. Questions 13 to 16 carry 2 marks each. Show your workings clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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9 Express $\frac{9}{12}$ in its simplest form.

Ans: _____

10 List the next 2 equivalent fractions of $\frac{3}{5}$.

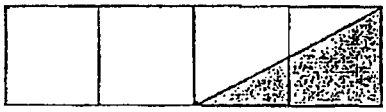
$\frac{3}{5} = \frac{3}{5}$, ☐ , ☐

Ans: _____ and _____

11 Express 6 kg 87 g in grams.

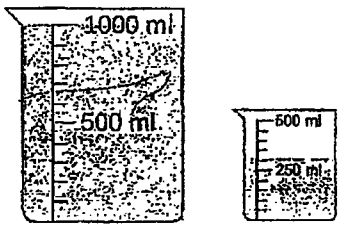
Ans: _____ g

12 The following figure is made up of 4 identical squares.
What fraction of the figure is **not** shaded?



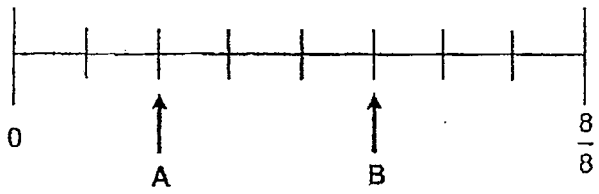
Ans: _____

13 The capacity of the beaker is ☐ ℓ and ☐ ml



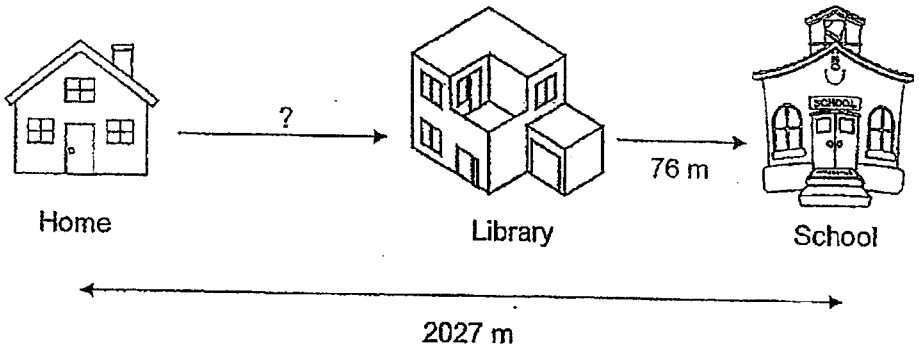
Ans: _____ ℓ _____ ml

14 Find the sum of A and B.



Ans: _____

15 Find the distance from home to the library in kilometres and metres.



Ans: _____ km _____ m

16 A bottle holds 1 ℓ of water.

A cup holds 350 ml less water than the bottle.

How much water can 3 such cups hold?

Ans: _____ ml

Section C: (6 marks)

For questions 17 to 18, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.

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17. Mrs Kim bought the following items from the supermarket.

Item	Mass
Watermelon	2 kg 200 g
Apples	1 kg
Jellies	675 g

Item	Mass
Chicken meat	900 g
Coconut	800 g
Broccoli	700 g

(a) Which 3 items had a total mass of 4 kg?
Tick (✓) the 3 items. [1]

Item	(✓)
Watermelon	
Apples	
Jellies	
Chicken meat	
Coconut	
Broccoli	

1

(b) A box with 17 jellies had a mass of 675 g. After Mrs Kim ate 5 similar jellies, the mass of the box with the remaining jellies became 550 g. What was the mass of each jelly?

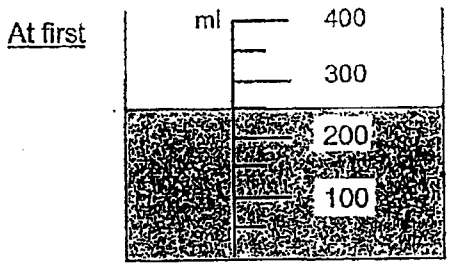
Do not write on this space

(b) Ans: _____ [2]

2

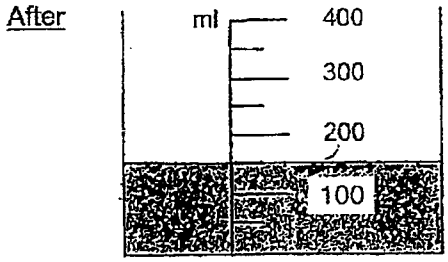
18. The container below shows the amount of orange juice at first.

Do not write on this space



Then, some orange juice was spilt.

The container now shows the amount of orange juice after the spillage.



(a) Read the statements in the table.

Tick (✓) your answers 'True' or 'False' in the boxes below. [2]

	Statement	True	False
(i)	The container can only contain 250 ml of orange juice at most.		
(ii)	The amount of orange juice spilt was 150 ml.		

(b) How much more orange juice is to be poured into the container to have 225 ml?

(b) Ans: _____ [1]

3

******** END OF PAPER *******

PLEASE CHECK YOUR WORK.

YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : WA3

SECTION A

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

SECTION B

Q9	$\frac{3}{4}$
Q10	$\frac{6}{10}$ and $\frac{9}{15}$
Q11	6087g
Q12	$\frac{12}{16}$
Q13	1L 300ml
Q14	$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$
Q15	2027 – 76 = 1951m = 1km 951m
Q16	1000 – 350 = 650 650 x 3 = 1950ml

SECTION C

Q17	a) Watermelon, Apples, Coconut b) 675 – 550 = 125 125 ÷ 5 = 25
Q18	a) i) False ii) False b) 75ml