RIVER VALLEY PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2

2019

MATHEMATICS

PRIMARY THREE

Name : _____ ( )

Class : Primary 3 (_____)

Date : 25 October 2019

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET A

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.
- **REMEMBER TO SHADE THE CORRECT OVAL ON THE OAS.**

Section A : MCQ (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 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 shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. In 1049, the digit _____ is in the hundreds place.

(1) 1 (2) 0

(3) 9 (4) 4

2. 8254 = ☐ + 200 + 50 + 4

What is the missing number in the box above?

(1) 8 (2) 80

(3) 800 (4) 8000

3. 5 x 7 is the same as _____ .

(1) 5 x 5 x 5 x 5 x 5 (2) 5 + 5 + 5 + 5 + 5

(3) 7 + 7 + 7 + 7 + 7 (4) 7 x 7 x 7 x 7 x 7

4. When a number is divided by 9, it gives a quotient of 20 and a remainder of 2. What is the number?

(1) 198 (2) 182

(3) 180 (4) 178

5. Which of the following is an equivalent fraction of $\frac{3}{4}$?

(1) $\frac{4}{5}$ (2) $\frac{6}{8}$

(3) $\frac{2}{3}$ (4) $\frac{7}{16}$

6. Ian is thinking of a 4-digit number. Using the clues below, what is the 4-digit number that he is thinking about?

- The digit in the hundreds place is an even number.
- The sum of the digits in the tens place and thousands place is 9.

(1) 1270 (2) 2173

(3) 3864 (4) 4365

7. Alina baked 901 cookies.
She baked 126 cookies fewer than Bernice
How many cookies did Bernice bake?

(1) 1928 (2) 1676

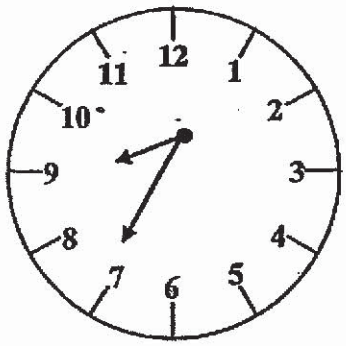
(3) 1027 (4) 775

8. In an inter-class competition, Class X scored 4 times as many points as Class Y. Class X and Class Y scored a total of 120 points. How many points did Class Y score?

(1) 24 (2) 30

(3) 90 (4) 96

9. Joash finished his violin lesson at the time shown below according to his watch. His watch was **20 minutes fast**.



Joash's watch

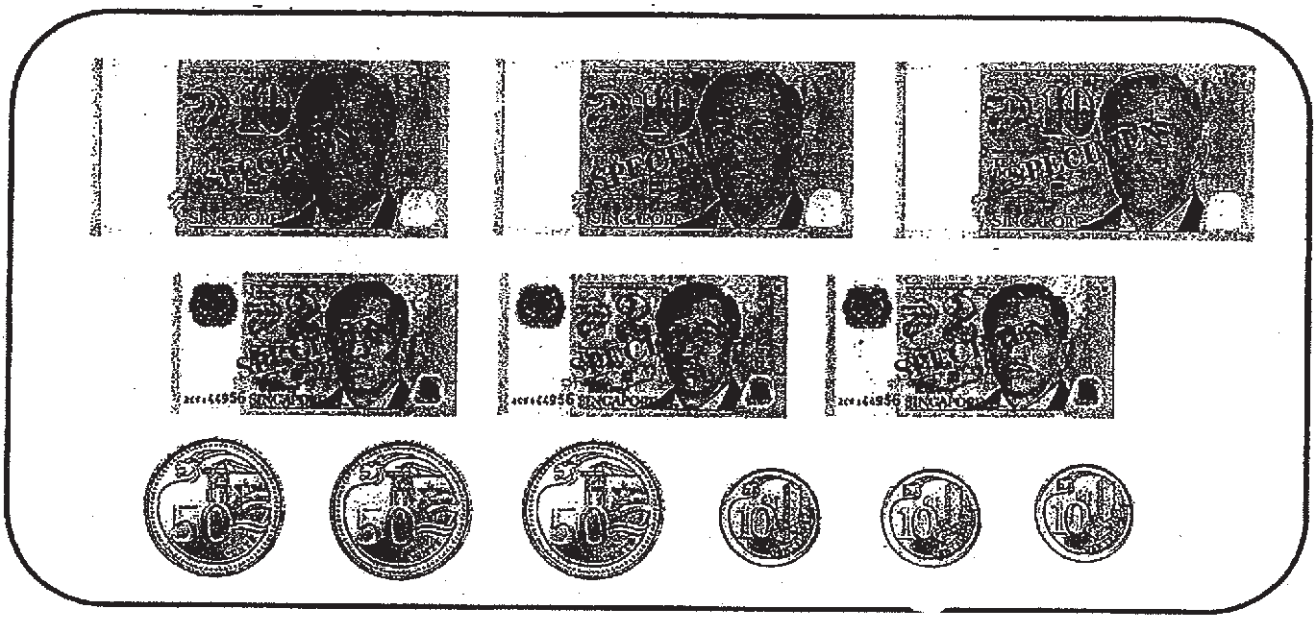
What was the **actual time** he finished his violin lesson?

(1) 7.25 p.m. (2) 7.55 p.m.

(3) 8.15 p.m. (4) 8.55 p.m.

10. After Darren bought a bowl of noodles which cost $2.50, he had the amount of money left in his wallet as shown below.

How much money did he have **at first**?



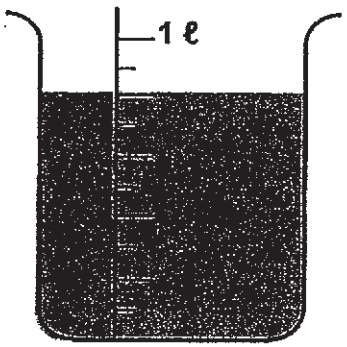
(1) $40.30

(2) $37.80

(3) $36.90

(4) $35.30

11. The picture below shows a beaker with some syrup. Mrs Lim poured all the syrup equally into 5 small cups. How much syrup was there in each small cup?



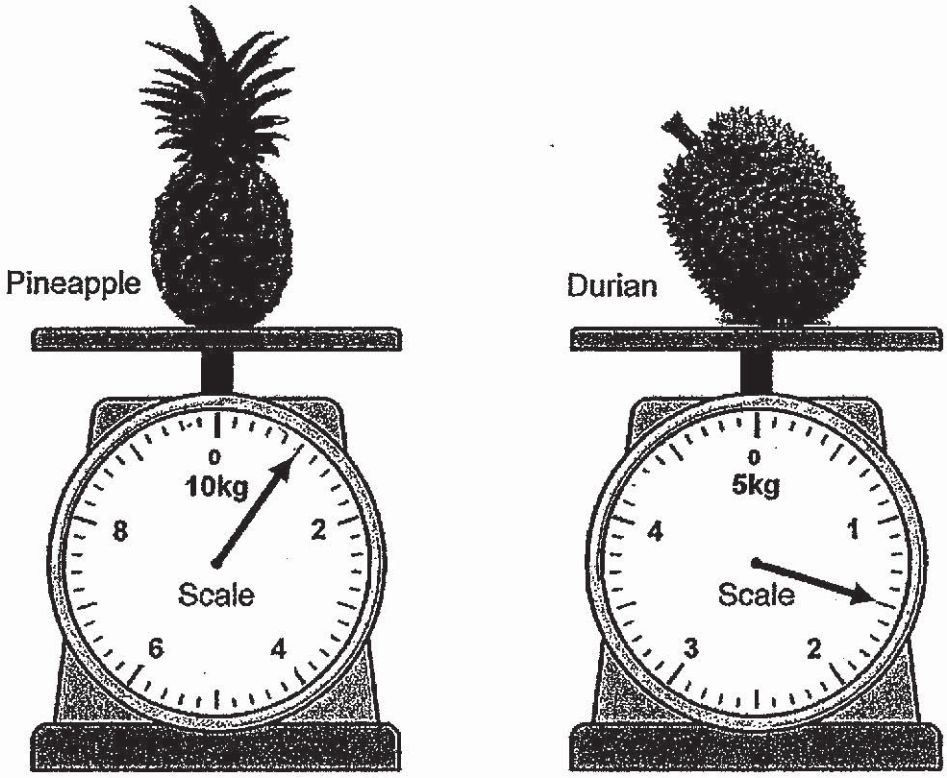
(1) 160 mℓ

(2) 40 mℓ

(3) 16 mℓ

(4) 4 mℓ

12. The weighing scales show the mass of a pineapple and a durian.

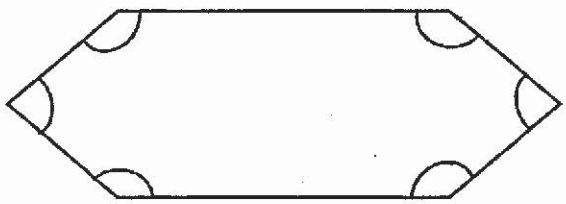


How much **heavier** is the durian than the pineapple?

(1) 2500 g (2) 2000 g

(3) 1000 g (4) 500 g

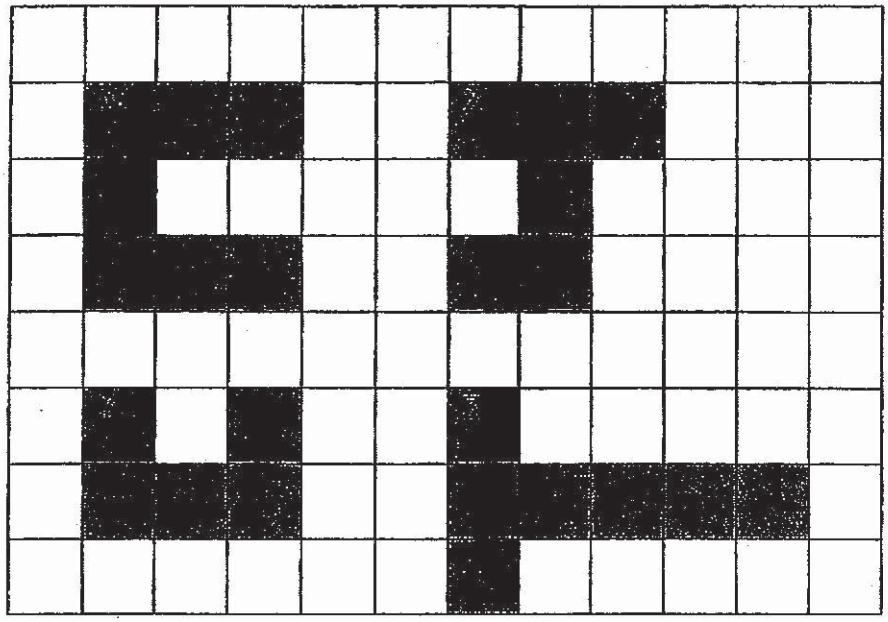
13. How many obtuse angles are there inside the figure below?



(1) 6 (2) 2

(3) 3 (4) 4

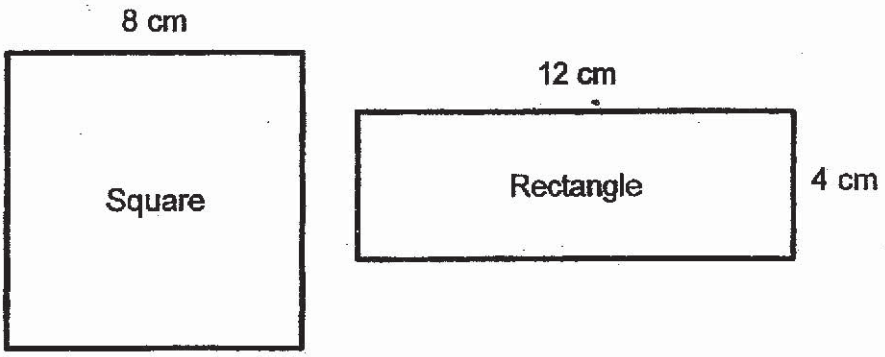
14. Which of the following figures has the **smallest perimeter**?



(1) W (2) X

(3) Y (4) Z

15. Find the **sum** of the area of the square and rectangle shown below.



(1) 48 cm^2 (2) 64 cm^2

(3) 68 cm^2 (4) 112cm^2

- End of Booklet A -

RIVER VALLEY PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2

2019

MATHEMATICS

PRIMARY THREE

Name : _____ ( )

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BOOKLET B

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
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SUMMARY OF MARKS :

	Section	Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 15		25
B	Short Answer Questions	16 – 35		40
C	Long Answer Questions	36 – 40		15
	Total			80

Section B : SAQ (40 marks)

Questions 16 to 35 carry 2 marks each. For each question, write the correct answer in the space provided. Show your working clearly as marks may be awarded.

16. Write eight thousand and fifteen in numeral.

Ans : _____

17. Arrange the following numbers in order, beginning with the greatest.

Ans : _____ , _____ , _____ , _____

18. 407 + 9039 = _____

Ans : _____

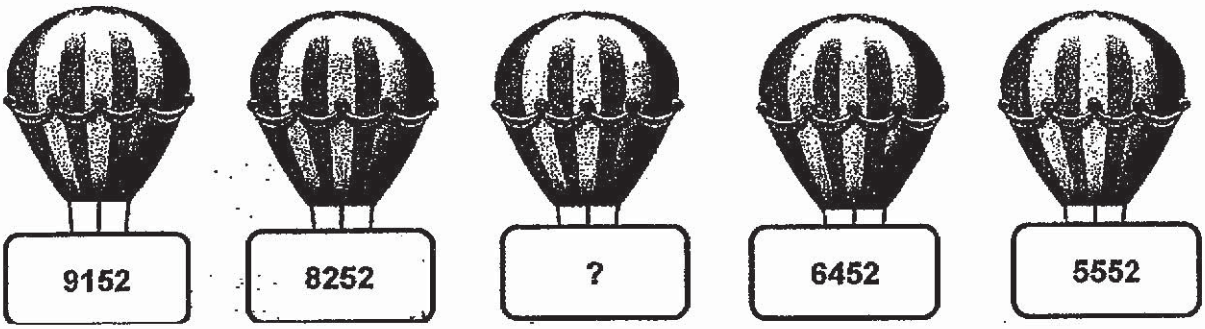
19. Subtract 777 from 2900.

Ans : _____

20. $907 \div 8 =$ _____.

Ans : _____

21. Look at the number pattern below. What is the missing number?



Ans : _____

22. Answer the following questions.

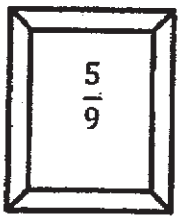
(a) 402 cm is the same as _____ m _____ cm.

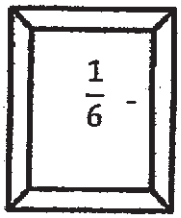
(b) 3 kg 24 g is the same as _____ g.

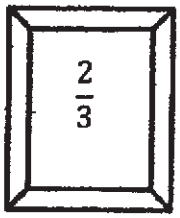
Ans : (a)_____m _____cm

(b)_____g

23. Arrange the fractions in order, beginning with the smallest.







Ans: _____, _____, _____

24. Add $\frac{1}{4}$ to $\frac{5}{12}$. Express your answer in its simplest form.

Ans : _____

25. $\frac{7}{10} - \frac{1}{5} =$ _____

Express your answer in its simplest form.

Ans : _____

26. Miss Ang bought 9 packets of lollipops.
There were 56 lollipops in each packet.
How many lollipops did Miss Ang buy altogether?

Ans : _____

27. Devi had some stamps at first. She collected another 82 stamps and gave away 63 stamps. She had 290 stamps in the end. How many stamps did she have at first?

Ans : _____

28. Luke Bakery baked 152 scones. The scones were packed in boxes. Each box contained 6 scones. What is the **smallest** number of boxes needed to contain **all** the scones?

Ans : _____

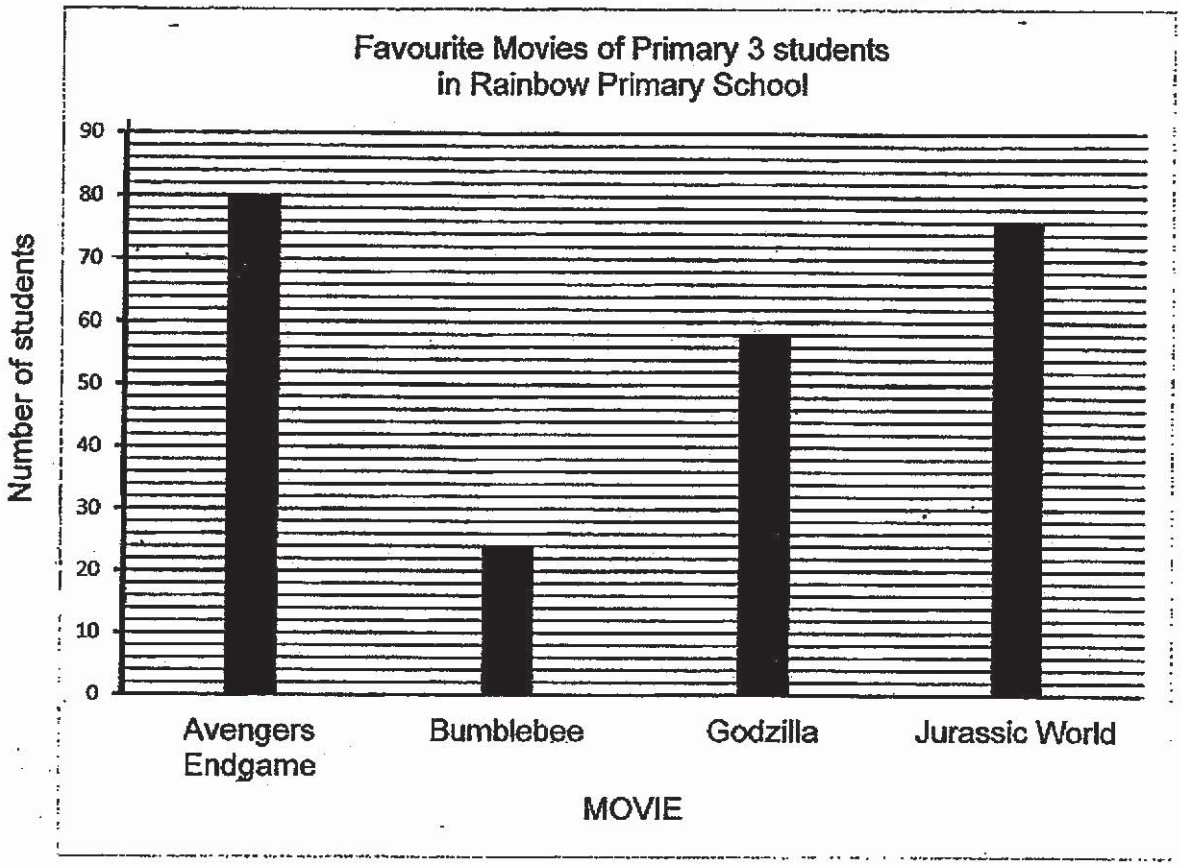
29. Abigail cycled 1400 m from her house to the shopping mall. She cycled 3200 m from the shopping mall to her workplace. How much farther is the shopping mall from her workplace than from her house? **Write your answer in kilometres and metres.**

Ans : _____ km _____ m

30. Larry started working on his Learning Fiesta project at 1.20 p.m. He completed it at 4.05 p.m. on the same day. How long did he take to complete his Learning Fiesta project? **Write your answer in hours and minutes.**

Ans : _____ h _____ min

The bar graph below shows the favourite movies of Primary 3 students in Rainbow Primary School. Each student can only choose 1 movie.
Study the graph carefully and answer questions 31 and 32.



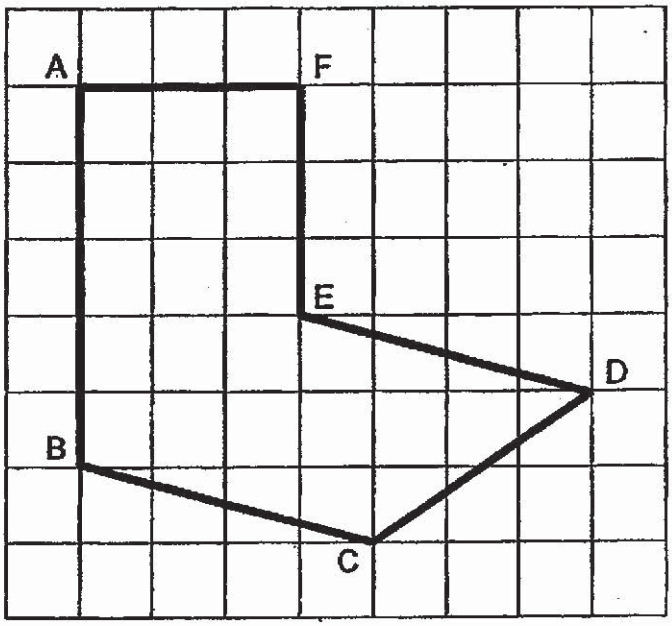
31. How many Primary 3 students are there in Rainbow Primary School altogether?

Ans :: _____

32. How many more students like Avengers Endgame than Godzilla?

Ans : _____

33. The figure below is drawn on a square grid.



(a) Name a pair of perpendicular lines in the figure above.

(b) Name a pair of parallel lines in the figure above.

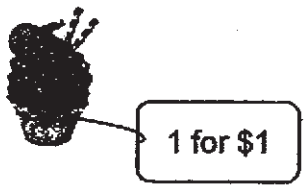
Ans : (a) _____ and _____

(b) _____ and _____

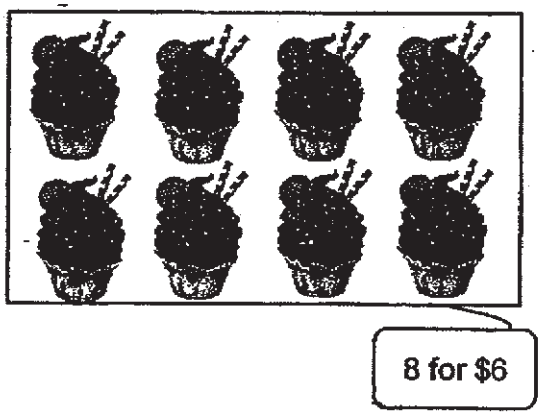
34. Starley had $42 at first. Her father gave her $6.20.
After that, she bought a bag which cost $24.90.
How much money did she have in the end?

Ans : $ _____

35. Nadhirah had $24. She wanted to buy some cupcakes.
The cupcakes are sold in boxes of 8 for $6 or 1 cupcake for $1.
What was the **most** number of cupcakes she could buy using **all** her money?



OR



Ans : _____

Section C : LAQ (15 marks)
Questions 36 to 40 carry 3 marks each. Solve the problems carefully.
All working must be clearly shown as marks may be awarded.

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36. Alan collected 925 Pokemon cards. Derrick collected 1205 Pokemon cards. Derrick gave Alan some Pokemon cards so that they had an equal number of Pokemon cards in the end. How many Pokemon cards did Derrick give to Alan?

Ans: _____(3m)

37. Miss Gan bought some candies for all her 39 students. After she packed the candies equally into red packets such that each student received a red packet, she had 7 candies left. Each red packet contained 8 candies.
How many candies did Miss Gan buy?

Ans : _____(3m)

38. Abby had 6 times as many beads as Beatrice. Claricia had 74 beads more than Beatrice. Abby and Beatrice had 616 beads altogether.
How many beads did Claricia have?

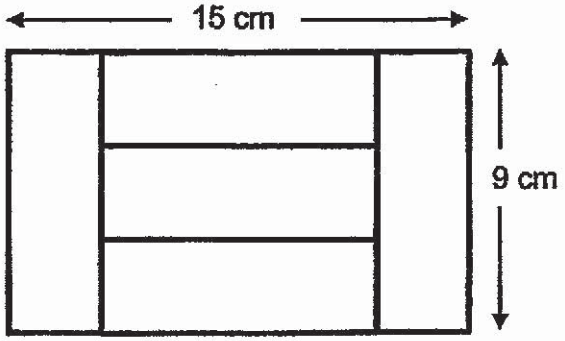
Ans : _____(3m)

39. Mr Mok took 3 h 21 min to travel from Singapore to Malacca.
Mr Tan took 3 h 59 min to travel from Singapore to Malacca.
(a) Mr Mok left Singapore at 2.05 p.m. What time did he arrive at Malacca?
(b) How much longer did Mr Tan take than Mr Mok to reach Malacca from Singapore?

Ans : (a) _____(1m)

(b) _____(2m)

40. Rectangle X is made up of 5 Rectangles Y as shown below.



Rectangle X

Rectangle Y

What is the area of Rectangle Y?

Ans : _____(3m)

- End of Booklet B -

SCHOOL : RIVER VALLEY PRIMARY SCHOOL

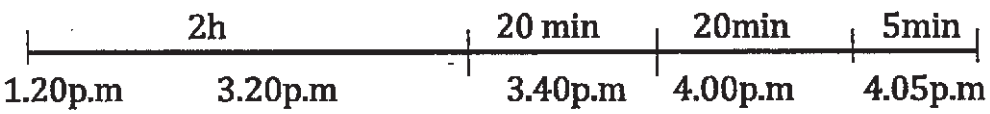
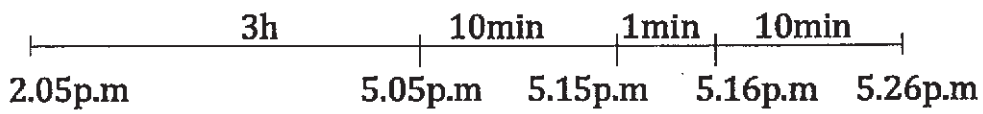
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q16)	8015
Q17)	4540 , 4023 , 2645 , 2610
Q18)	$407 + 9039 = 9446$
Q19)	$2900 - 777 = 2123$
Q20)	$907 \div 8 = 113$ R3
Q21)	$9152 - 8252 = 900$ $8252 - 900 = 7352$
)	a)402 cm is the same as 4m 2cm b)3kg 24g is the same as 3024g
Q23)	$\frac{1}{6}, \frac{5}{9}, \frac{2}{3}$
Q24)	$\frac{1\times3}{4\times3} + \frac{5}{12} = \frac{8\div4}{12\div4} = \frac{2}{3}$
Q25)	$\frac{5\div5}{10\div5} = \frac{1}{2}$
Q26)	$56 \times 9 = 404$
Q27)	$290 - 82 = 208$

	$208 + 63 = 271$
Q28)	26
Q29)	$3200 - 1400 = 1800\text{m} \rightarrow 1km800m$
Q30)	 Ans : 2.45min
Q31)	$80 + 24 + 58 + 76 = 238$
Q32)	$80 - 58 = 22$
Q33)	a)AF and FE b)AB and FE
Q34)	$\$42 + \$6.20 = \$48.20$ $\$48.20 - \$24.90 = \$23.30$
Q35)	$\$24 \div 6 = \$4$ $8 \times 4 = 32$
Q36)	$1205 - 925 = 280$ $280 \div 2 = 140$
Q37)	$39 \times 8 = 312$ $312 + 7 = 319$
Q38)	$616 \div 7 = 88$ $88 + 74 = 162$
Q39)	a)5.26p.m  b)$59 - 21 = 38\bar{}\text{min}$
Q40)	$15 - 9 = 6 \div 2 = 3$ $9 \times 3 = 27$