



# RULANG PRIMARY SCHOOL

Nurturing Competencies, Inspiring Excellence, Empowering Individuals  
Scholars of Tomorrow

Established since 1930

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

Level : Primary Three

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

Date : 26 October 2018

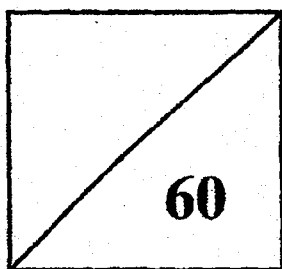
Setters : Mr Fong Meng Thoong and Mr Mohamad Zaini

## SEMESTRAL ASSESSMENT 2

2018

## MATHEMATICS

### PAPER 1



TOTAL TIME FOR PAPER 1: 1 hour 15 minutes

30 questions

60 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of these 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. (40 marks)

1. In the number 8654, which digit is in the hundreds place?  
(1) 8 (2) 6  
(3) 5 (4) 4 ( )
2. 400 less than 5673 is   
What is the missing number in the box above?  
(1) 9673 (2) 6073  
(3) 5273 (4) 1673 ( )
3.  $9 \times 6 =$    
What is the missing number in the box above?  
(1) 15 (2) 54  
(3) 3 (4) 96 ( )
4. Find the product of 7 and 8.  
(1) 1 (2) 15  
(3) 56 (4) 78 ( )
5.  $76 \div 4 =$    
What is the missing number in the box above?  
(1) 19 (2) 72  
(3) 80 (4) 304 ( )
6.  $\$6.85 + \$4.25 =$    
What is the missing number in the box above?  
(1) \$1.10 (2) \$2.60  
(3) \$11.10 (4) \$111.10 ( )
7. Mr Wong ran a total distance of 2 km 785 m. What was the distance he ran in metres?  
(1) 785 m (2) 787 m  
(3) 985 m (4) 2785 m ( )

8. Which is **not** an equivalent fraction of  $\frac{1}{3}$ ?

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

(2)  $\frac{3}{6}$

(3)  $\frac{3}{9}$

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

( )

9.  $\frac{5}{6} - \frac{1}{6} =$  ?

What is the missing fraction in the box above? Give your answer in its simplest form.

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

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

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

(4)  $\frac{4}{6}$

( )

10. What is 3 hours 25 minutes in minutes?

(1) 28 minutes

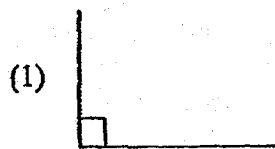
(2) 85 minutes

(3) 205 minutes

(4) 325 minutes

( )

11. Which one of the following pairs of lines forms an angle that is smaller than a right angle?



( )

12. The side of a square is 7 cm. What is the area of the square?

(1)  $7 \text{ cm}^2$

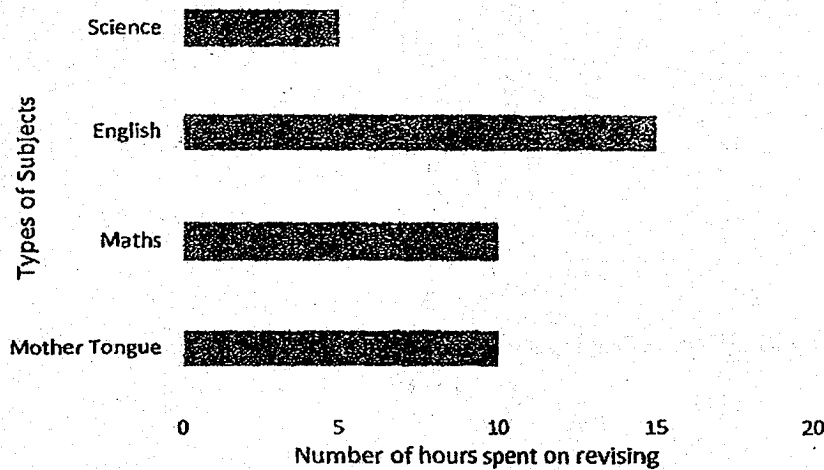
(2)  $14 \text{ cm}^2$

(3)  $28 \text{ cm}^2$

(4)  $49 \text{ cm}^2$

( )

The graph below shows the amount of time Peter spent on revising for his examination. Study the graph carefully and then answer Question 13.



13. Which subject did Peter spend the least amount of time revising?  
 (1) English (2) Mathematics  
 (3) Mother Tongue (4) Science ( )
14. The length of a rectangle is 8 cm and its breadth is 4 cm. What is the perimeter of the rectangle?  
 (1) 12 cm (2) 24 cm  
 (3) 32 cm (4) 64 cm ( )
15. There were 1130 adults and 685 children at a theatre last week. How many more adults than children were there?  
 (1) 445 (2) 1715  
 (3) 1815 (4) 7980 ( )
16. 8 children shared the cost of a gift for their friend. Each child paid \$7. How much did the gift cost?  
 (1) \$15 (2) \$56  
 (3) \$63 (4) \$87 ( )

17. Tom spent \$9. His sister spent 5 times as much as he did. How much did they spend altogether?

- (1) \$14 (2) \$23  
(3) \$45 (4) \$54 ( )

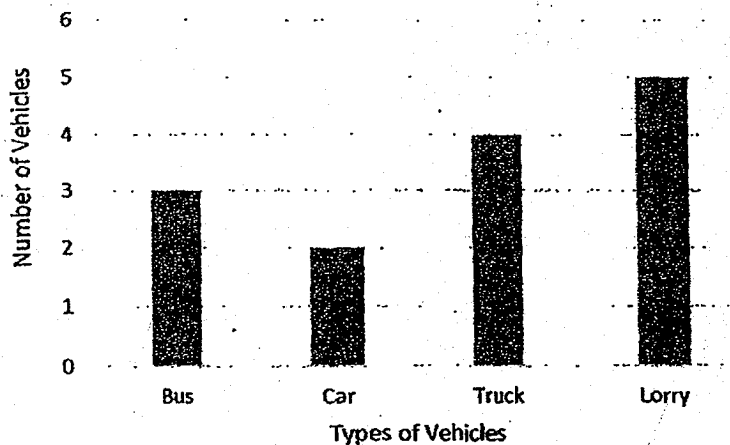
18. Zack had 48 coins and 9 pouches. He put an equal number of coins into each pouch. How many coins were not put into a pouch?

- (1) 5 (2) 6  
(3) 3 (4) 4 ( )

19. The capacity of a bottle is 1500 ml. There are 695 ml of orange juice in the bottle. How much more orange juice is needed to fill the bottle completely?

- (1) 85 ml (2) 805 ml  
(3) 850 ml (4) 2195 ml ( )

The graph below shows the types of vehicles at a parking area. Study it carefully and then answer Question 20.



20. What is the total number of vehicles parked at the parking area?

- (1) 14 (2) 2  
(3) 3 (4) 9 ( )

Questions 21 to 30 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. (20 marks)

21. Form two 3-digit even numbers using the digits below. Each digit can only be used once in each of the numbers formed.

2 , 3 , 9

Ans:  and

22. The difference between two numbers is 731. If the smaller number is 352, find the sum of the two numbers.

Ans:

23. 9 groups of 9 =  ?  
What is the missing number in the box above?

Ans:

24. Multiply 712 by 9.

Ans:

25. Express  $\frac{8}{12}$  in its simplest form.

Ans:

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26. A robot was programmed to walk a distance of 10 m 5 cm. What was the distance the robot walked in cm?

Ans:

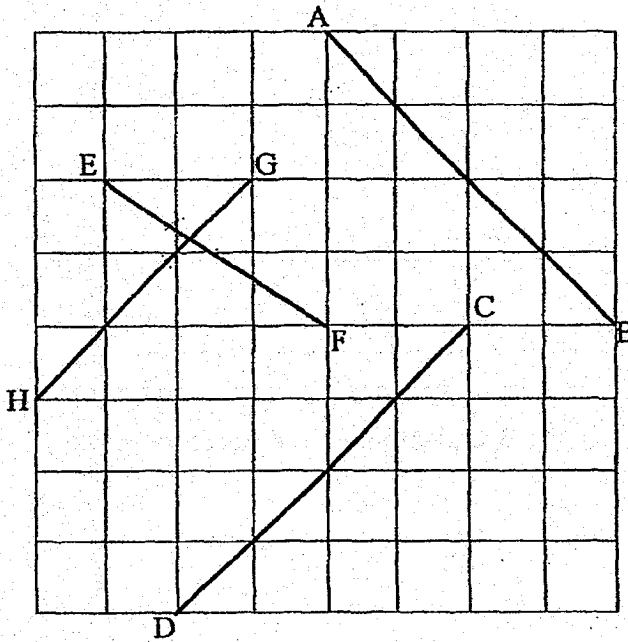
cm

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27. 690 people attended a sports event. 472 of them were children. How many adults were there?

Ans:

28. Name a pair of  
 (a) Parallel Lines  
 (b) Perpendicular Lines



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

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

29. Linda saved \$40. She saved 8 times as much as Melissa. How much did both of them save altogether?

Ans: \$

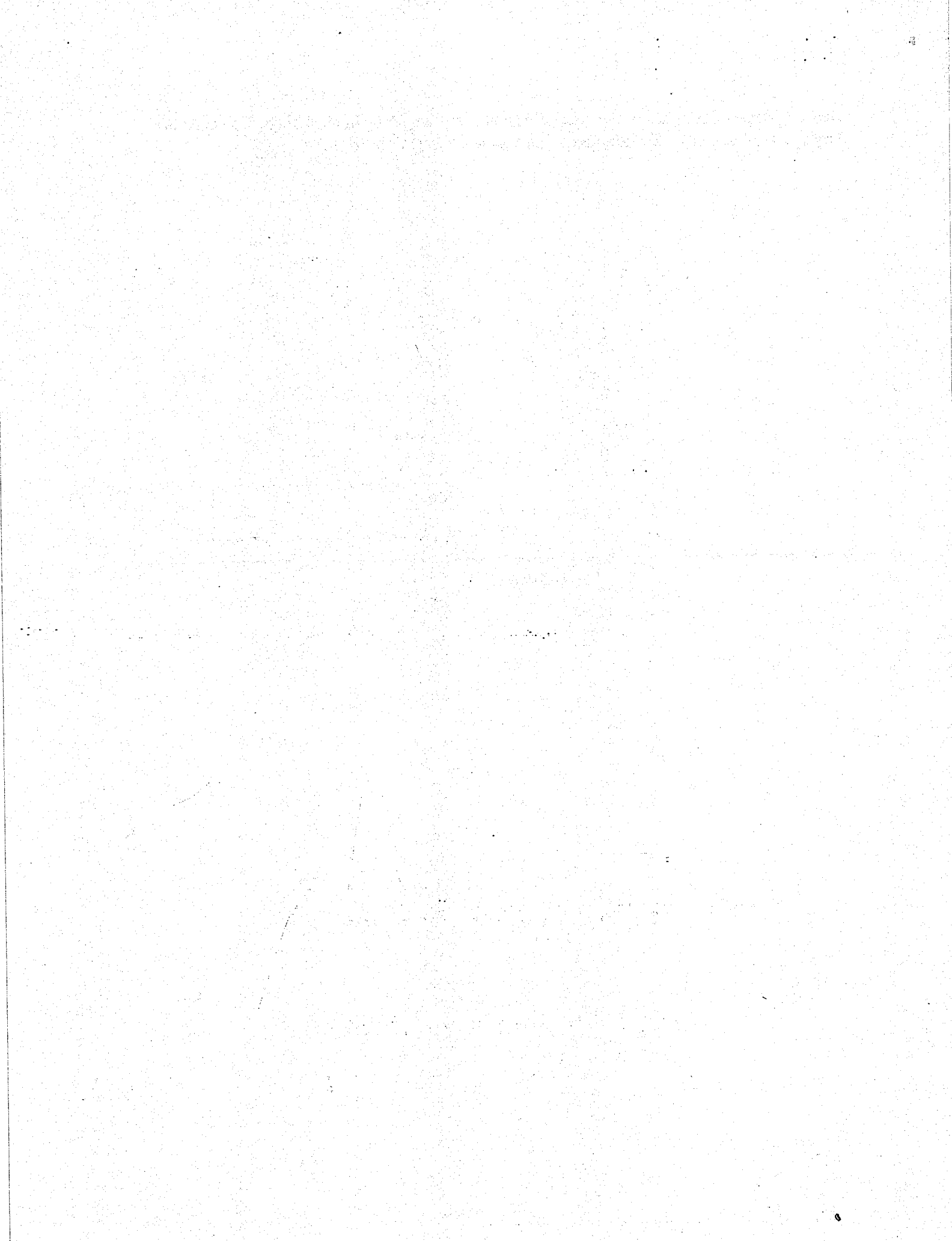


30. Ben has 3 ten-dollar notes, 4 fifty-cent coins and 7 ten-cent coins in his savings. He wants to buy a jacket that costs \$45. How much more money does he need?

Ans: \$

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End of Paper 1





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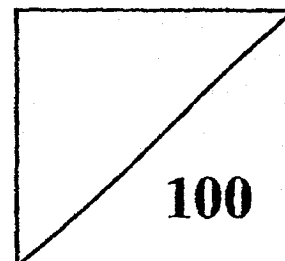
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Total Marks  
Papers 1 & 2

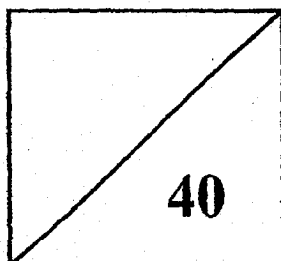


## SEMESTRAL ASSESSMENT 2

2018

## MATHEMATICS

### PAPER 2



TOTAL TIME FOR PAPER 2: 1 hour 15 minutes

16 questions

40 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.

Questions 1 to 10 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. **(20 marks)**

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1. On Thursday, 3401 people borrowed books from the library. 467 fewer people borrowed books from the library on Friday than on Thursday. How many people borrowed books from the library during the two days?

Ans:

2. John has 16 storybooks. He has 4 times as many storybooks as Nelly. How many storybooks does Nelly have?

Ans:

3. A bag costs \$21. The cost of the bag is 7 times the cost of a pen. What is the total cost of the bag and the pen?

Ans: \$

4. 322 ice-cream sticks were shared equally among some pupils during an activity. Each pupil received 7 ice-cream sticks. How many pupils were involved in the activity?

Ans:

- 
5. The mass of a papaya is 1200 g. It is 880 g heavier than a mango. What is the mass of the mango?

Ans:

g

- 
6. Miss Lee bought a cake. She ate  $\frac{1}{6}$  of it. What fraction of the cake had she left?

Ans:

7. Xyllia starts work at 9.15 a.m. and stops work at 7 p.m. on weekdays. How many hours does she work on each weekday?

Ans:

- 
8. Sabrina took 2 h 45 min to complete her homework. She finished it at 3 p.m. What time did she start doing her homework?

Ans:

p.m.

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

Ans:

10. The length of a rectangular school field is 50 m. Its breadth is 30 m. Dayna ran along the perimeter of the field 10 times.

Each statement is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
The perimeter of the school field is 80 m.			
The distance ran by Dayna after 5 rounds was 400 m.			

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Questions 11 to 14 carry 3 marks each. Questions 15 and 16 carry 4 marks each. Show your working clearly in the space provided for each question as marks will be awarded for relevant statements and correct answers. **(20 marks)**

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11. Ray collected 64 stamps. Jim collected 8 times as many stamps as Ray. What was the difference in the number of stamps they collected?

- 
12. Albert spent \$9.70 this month. This amount was \$3.25 less than what he spent last month. What was the total amount of money he spent in the two months?
-



13. In a junior triathlon race, Wei Xiong swam 200 m, cycled 1200 m and ran 900 m. What was the total distance covered by Wei Xiong? Give your answer in kilometres and metres.

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14. Mrs Ng bought a pizza. Her son ate  $\frac{3}{10}$  of the pizza. Her daughter ate  $\frac{1}{10}$  of it.

a) What fraction of the pizza did the 2 children eat altogether?

b) What fraction of the pizza was left?

Give both your answers in their simplest form.

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15. Siti sold 592 stalks of roses last week. This week, she sold 4 times as many stalks of roses as last week.
- a) How many stalk of roses did she sell this week?
  - b) How many more stalks of roses did she sell this week than last week?

- 
16. Luke received a weekly allowance of \$18. Last week, he spent \$7.95 and saved the rest of his allowance.
- (a) How much did he save?
  - (b) Did he save more or spend more? How much more?

EXAM PAPER 2018 (P3)

SCHOOL : RULANG

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	3	1	3	4	2	3	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	4	4	2	1	2	4	3	2	1

21)932 and 392

22)1435

23)81

24)6408

25)2/3

26)1005 cm

27)218

28) a)GH and CD b)CD and AB

29)\$45

30)\$12.30

Paper 2

1)  $3401 - 467 = 234$

$3401 + 2934 = 6335$

2)  $16 \div 4 = 4$

3)  $21 \div 7 = 3$

$21 + 3 = \$24$

4)  $322 \div 7 = 46$

5)  $1200 - 880 = 320$

6)  $6/6 - 1/6 = 5/6$

7)  $60 \times 9 = 540$

$540 + 45 = 585$

8) 12.15 p.m.

9) 2

10) False

False

11)  $64 \times 8 = 512$

$512 - 64 = 448$

12)  $970 + 325 = 1295$

$1295 + 970 = \$2265$

13)  $1200 + 900 = 2100$

$2100 + 200 = 2300$

$= 2\text{km } 300\text{m}$

14) a)  $2/5$

b)  $3/5$

15) a)  $592 \times 4 = 2368$

b)  $2368 - 592 = 1776$

16) a)  $1800 - 795 = 1005$

b)  $1005 - 795 = 210$