RULANG PRIMARY SCHOOL

Nurturing Competencies, Inspiring Excellence, Empowering Individuals
Scholars of Tomorrow

Established since 1930

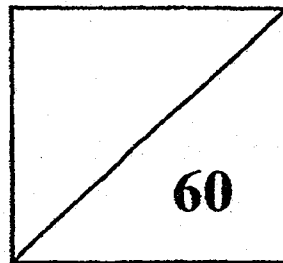Name   : _____ (   )

Level   : Primary Three

Class   : Primary 3 _____

Date   : 4 May 2018

Setters : Mr Fong Meng Thoong and Mr Mohamad Zaini

SEMESTRAL ASSESSMENT 1
2018
MATHEMATICS

PAPER 1

60

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 7621, which digit is in the tens place?

   (1) 1   (2) 2

   (3) 6   (4) 7   (   )

2. 300 less than 4673 is [?   ]
   What is the missing number in the box above?

   (1) 1073   (2) 1673

   (3) 4373   (4) 4973   (   )

3. $2929 + 355 =$ [?   ]
   What is the missing number in the box above?

   (1) 2274   (2) 2284

   (3) 3284   (4) 6479   (   )

4. $3481 - 159 =$ [?   ]
   What is the missing number in the box above?.

   (1) 1891   (2) 3322

   (3) 3338   (4) 3640   (   )

5. $4000 - 273 =$ [?   ]
   What is the missing number in the box above?

   (1) 1270   (2) 3727

   (3) 4273   (4) 4727   (   )

6. $9 \times 6 =$ [?   ]
   What is the missing number in the box above?

   (1) 15   (2) 54

   (3) 3   (4) 96   (   )

7. $7 \times 5 =$ [?   ]
   What is the missing number in the box above?

   (1) 12   (2) 2

   (3) 35   (4) 75   (   )

8. $8 \times 4 = \boxed{\quad ? \quad}$
   What is the missing number in the box above?

   (1) 48　　　　　　　　　　(2) 32

   (3) 12　　　　　　　　　　(4) 4　　　　　　(   )

9. $10 \times 7 = \boxed{\quad ? \quad}$
   What is the missing number in the box above?

   (1) 17　　　　　　　　　　(2) 70

   (3) 3　　　　　　　　　　(4) 107　　　　(   )

10. $3 \times 9 = \boxed{\quad ? \quad}$
    What is the missing number in the box above?

    (1) 12　　　　　　　　　　(2) 24

    (3) 27　　　　　　　　　　(4) 39　　　　(   )

11. What is the missing number in the following number pattern?
    8, 16, _____ , 32, 40, 48, 56

    (1) 22　　　　　　　　　　(2) 24

    (3) 26　　　　　　　　　　(4) 28　　　　(   )

12. Find the product of 6 and 8.

    (1) 14　　　　　　　　　　(2) 2

    (3) 48　　　　　　　　　　(4) 68　　　　(   )

13. Express 2130 cents in dollars and cents.

    (1) $2.13　　　　　　　　(2) $21.30

    (3) $213.00　　　　　　　(4) $2130.00　(   )

14. Find the sum of $7.65 and $3.35.

    (1) $1.10　　　　　　　　(2) $4.30

    (3) $11.00　　　　　　　(4) $111.00　(   )

15. There were 1240 adults and 485 children at a concert last week. How many people were at the concert?

    (1) 755   (2) 1625

    (3) 1725   (4) 6090   (   )

16. John and Michael collected 246 apples from the orchard. If John collected 96 apples, how many more apples did Michael collect than John?

    (1) 54   (2) 150

    (3) 332   (4) 342   (   )

17. Bella bought 18 boxes of staplers. There were 6 staplers in each box. How many staplers did she buy altogether?

    (1) 12   (2) 24

    (3) 3   (4) 108   (   )

18. A baker packed 72 buns into boxes of 4. How many boxes of buns did he pack?

    (1) 18   (2) 68

    (3) 76   (4) 288   (   )

19. Jonathon saved 9 times as much as Peter. Their total savings was $90. How much money did Peter save?

    (1) $9   (2) $10

    (3) $81   (4) $99   (   )

20. John bought a bottle of perfume and 9 similar bottles of wine for $360. The bottle of perfume cost $108. How much did one bottle of wine cost?

    (1) $28   (2) $40

    (3) $108   (4) $252

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)**

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21. Form the smallest 3-digit odd number using the digits below. Each digit can only be used once.

    3   7   2

    Ans: [ ]

---

22. The difference between two numbers is 180. If the bigger number is 435, find the smaller number.

    Ans: [ ]

---

23. The sum of two numbers is 500. The bigger number is 370. What is the smaller number?

    Ans: [ ]

---

24. Multiply 327 by 8.

    Ans: [ ]

5

25. 6 groups of 6 = [?]
    What is the missing number in the box above?

    Ans: [   ]

26. 8 groups of 3 = [?] groups of 4
    What is the missing number in the box above?

    Ans: [   ]

27. A toy factory produced 4540 toy cars in a week. After selling some toy cars, it had 750 toy cars left. How many toy cars did it sell?

    Ans: [   ]

28. A fruit seller had 600 pears. He packed all the pears into bags of 7. How many pears were left unpacked?

    Ans: [   ]

29. A table costs $488. It costs $430 more than a chair. How much does 1 chair cost?

Ans: $ [   ]

30. Joseph has 2 ten-dollar notes, 5 fifty-cent coins and 3 ten-cent coins in his savings. He wants to buy a shirt that costs $33. How much more money does he need?

Ans: $ [   ]

End of Paper 1
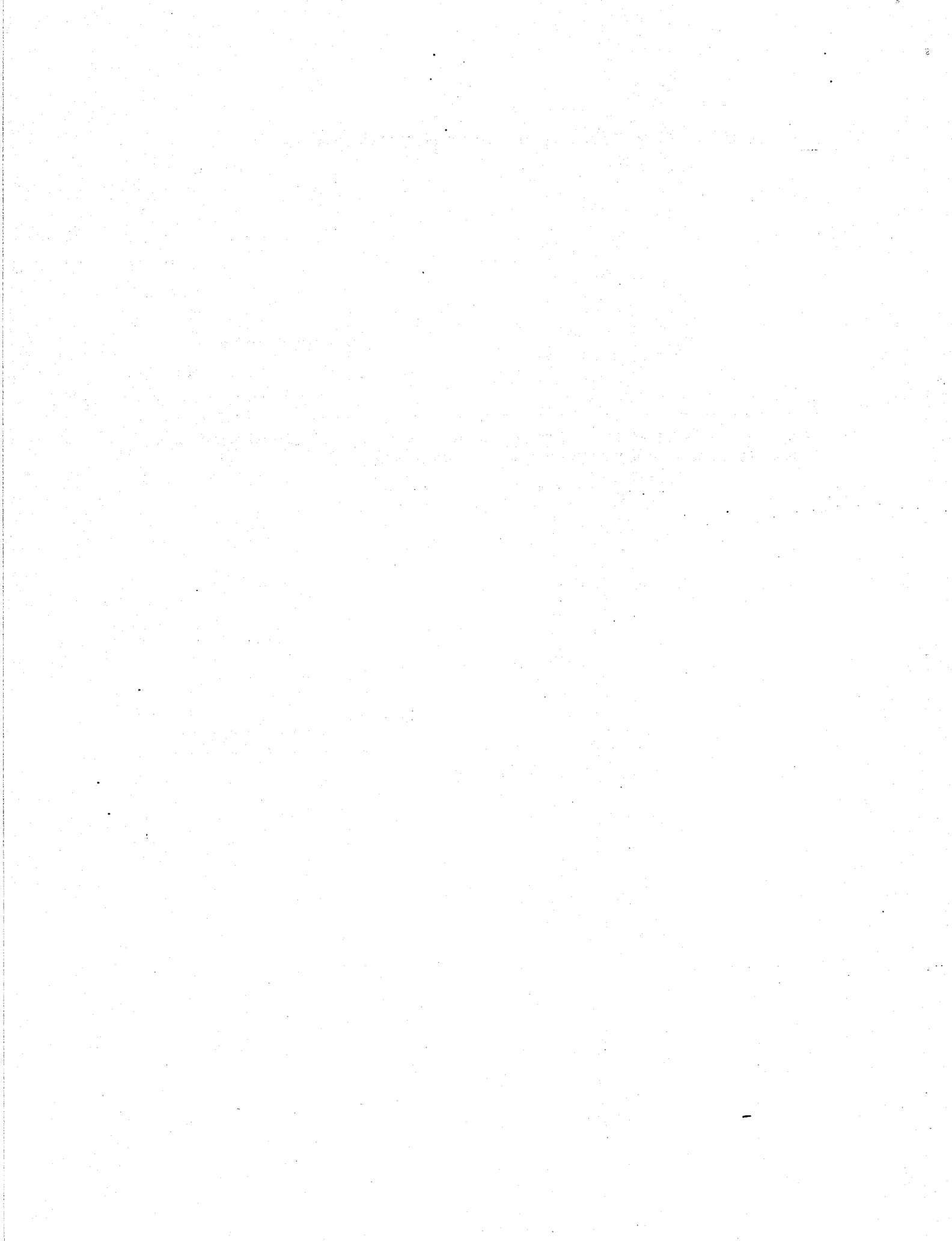
RULANG PRIMARY SCHOOL

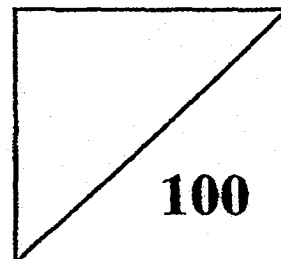Nurturing Competencies, Inspiring Excellence, Empowering Individuals
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SEMESTRAL ASSESSMENT 1
2018
MATHEMATICS

PAPER 2

40
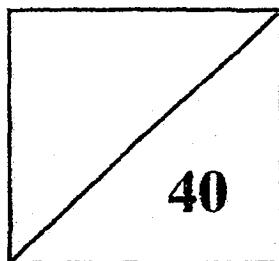
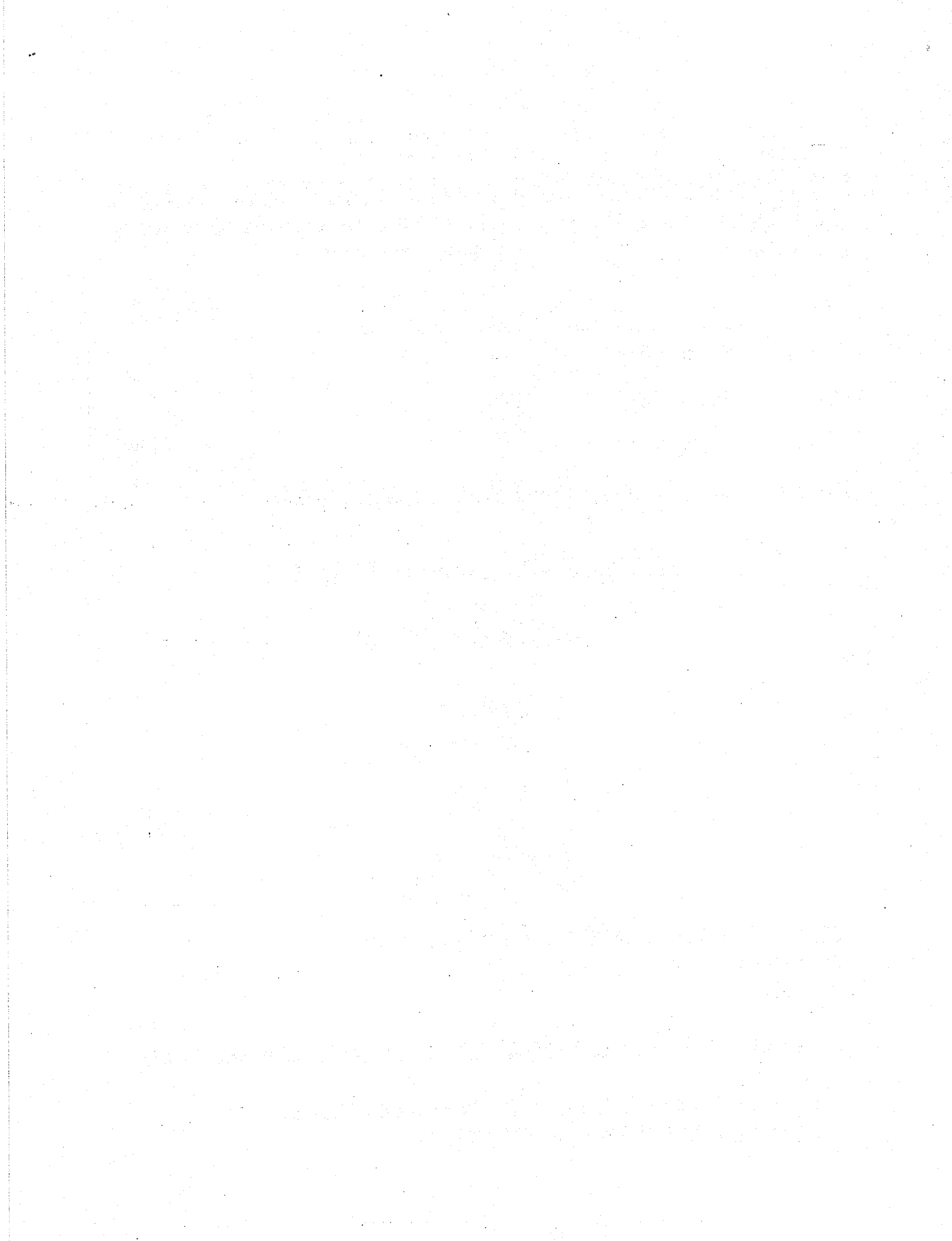TOTAL TIME FOR PAPER 2: 1 hour 15 minutes
16 questions
40 marks

- **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)**

1. John is thinking of a 4-digit number. The digit in the thousands place is 8. The digit in the ones place is 4. The digit in the hundreds place is 2 less than the digit in the thousands place. The digit in the tens place is 3 more than the digit in the ones place. What is the number?

   Ans:

2. Last year, 1452 pupils took part in the annual Chess tournament. This year, the number of pupils taking part in the tournament increased by 30. How many pupils took part in the tournament this year?

   Ans:

3. 5630 adults and 2345 children are watching a football match at the stadium. How many more adults than children are there?

   Ans:

4. 6304 people visited the zoo last month. There was a decrease of 2247 people this month. How many people visited the zoo this month?

Ans: [ ]

5. Batteries are sold in packs of 4. Tommy bought 20 batteries. How many packs of batteries did he buy?

Ans: [ ]

6. During a carnival, 390 children were told to form as many groups of 9 as possible. How many groups were formed?

Ans: [ ]

7.   Bookshop A has 548 books on sale. It has 4 times as many books on sale as Bookshop B. How many books are on sale in Bookshop B?

Ans: _____

8.   A sticker album can hold 102 stickers. How many stickers can 3 such albums hold?

Ans: _____

9.   The cost of a chair was $93.50 at first. At a sale, Mrs Neo bought the chair for $66.90. How much did she save?

Ans: $ _____

10. Tommy spends $4.95 on a book and $7.35 on a pencil case. How much did he spend altogether?

Ans: $ [   ]

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)**

11. A mini-bus can ferry 8 pupils. What is the smallest number of mini-buses needed to ferry a group of 91 pupils?

12. John has 400 marbles. He has 79 more marbles than Sam. How many marbles do John and Sam have altogether?

13. Steffie had $18 at first. She spent $7.25 and saved the rest. How much more did she save than spend?

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14. There were 25 sweets in a packet. Mrs Tan bought 6 such packets.
    a) How many sweets did she have altogether?
    b) She gave 3 sweets to each of her pupils. How many pupils did she have if all the sweets were given out?

15. Mr Yeo has 68 cows and four times as many chickens in his farm.
    a) How many chickens does Mr Yeo have?
    b) Mr Lee has 118 chickens in his farm. Both Mr Yeo and Mr Lee combine all their chickens together and put them into 6 equal groups. How many chickens are there in each group?

16. Jane has 560 toothpicks. She puts them into three boxes, A, B and C. She puts 80 toothpicks in Box A. She puts twice as many toothpicks in Box B as in Box C. How many toothpicks are there in Box C?

End-of-Paper
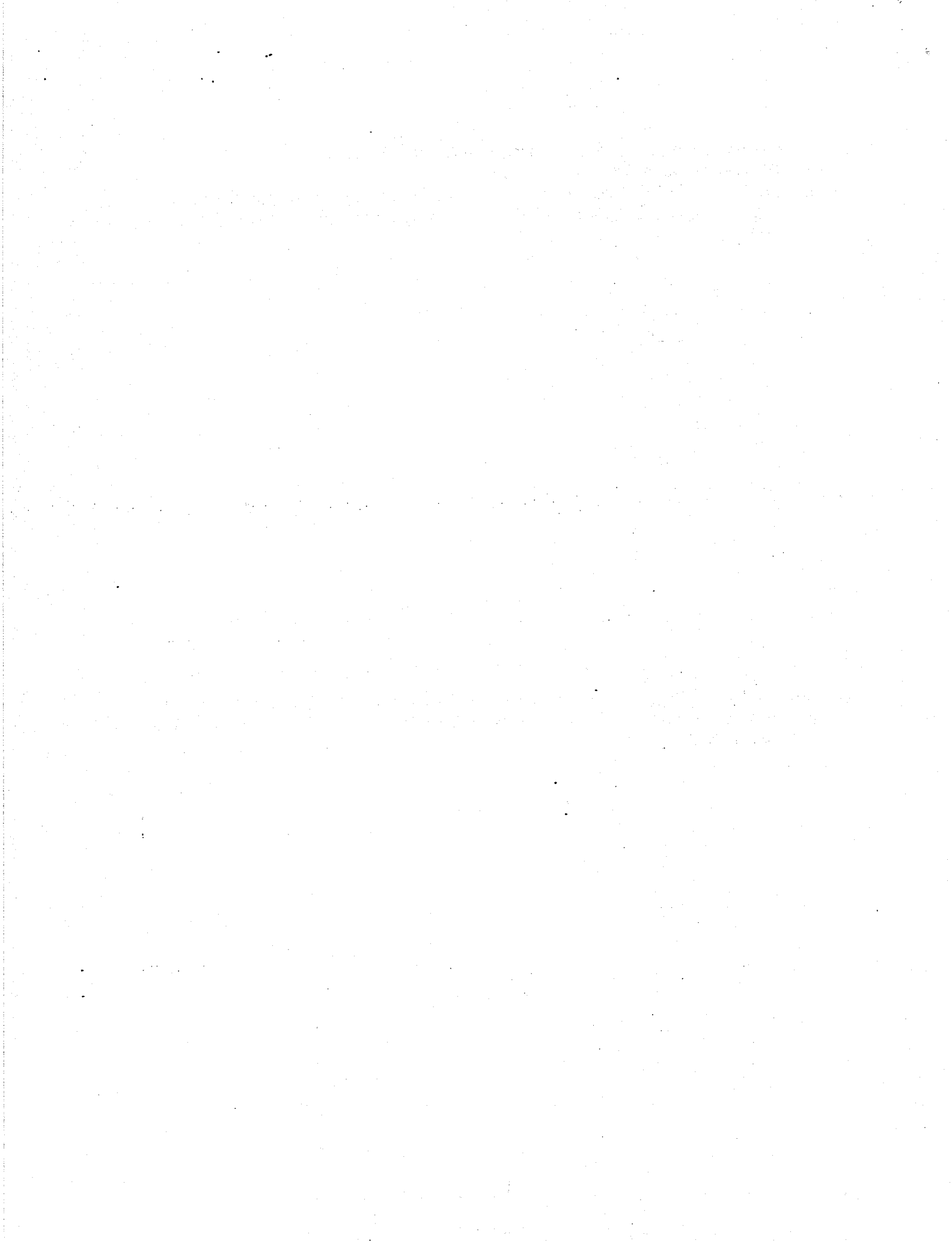
EXAM PAPER 2018 (P3)

SCHOOL : RULANG

SUBJECT : MATHEMATICS

TERM   : SA1

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

21)237   22)255   23)130   24)2616   25)36   26)6   27)3790

28)5   29)$58.00   30)$10.20

Paper 2

1) 8674

2) 1452 + 30 = 1482

3) 5630 – 2345 = 3285

4) 6304 – 2247 = 4057

5) 20 ÷ 4 = 5

6) 390 ÷ 9 = 43 R3

   43 + 1 = 44

7) 548 ÷ 4 = 137

8) 102 x 3 = 306

11) $91 \div 8 = 11$ R3

$11 + 1 = 12$

12) $400 - 79 = 321$

$400 + 321 = 721$

13) $\$18.00 - \$7.25 = \$10.75$

$\$10.75 - \$7.25 = 3.50$

14) a) $25 \times 6 = 150$

b) $150 \div 3 = 50$

15) a) $68 \times 4 = 272$

b) $118 + 272 = 390$

$390 \div 6 = 65$

16) $560 - 80 = 480$

$480 \div 3 = 160$