NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2018
PRIMARY 5

MATHEMATICS

Paper 1

Section A: 15 Multiple Choice Questions (20 marks)

Section B: 10 Short Answer Questions (25 marks)

Total Time for Paper 1: 1 hour

INSTRUCTION TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1-15.
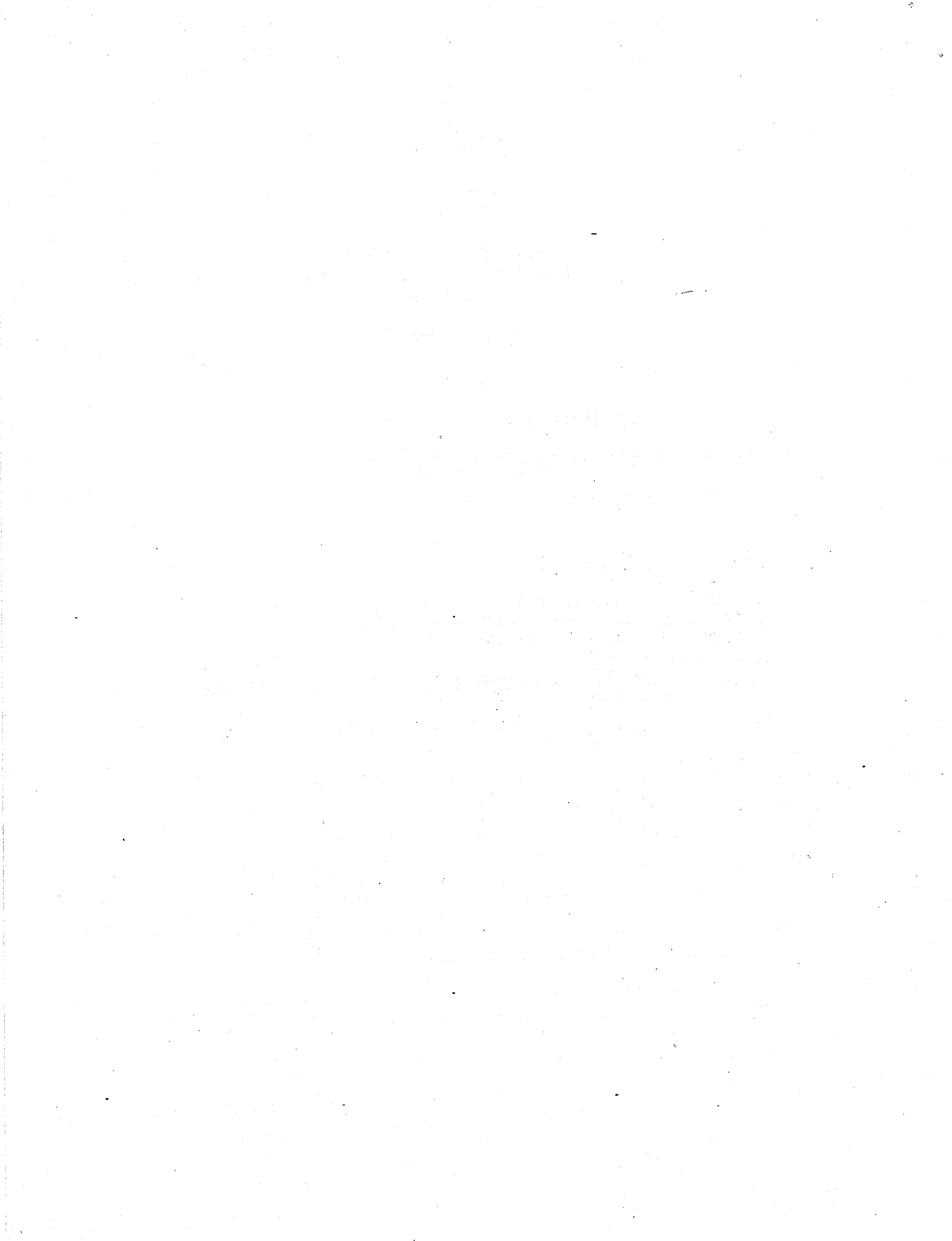6. You are <u>not allowed</u> to use calculator for Paper 1.

Marks Obtained

Paper 1		/ 45
Paper 2		/ 55
Total		/ 100

Name : _____ (   )

Class : _____

Date : 6 March 2018   Parent's Signature: _____

Questions 1 to 10 carry 1 mark each. Questions 11 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 your answer on the Optical Answer Sheet.

(20 marks)

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1. What is 100 000 less than 1 million?

    (1)   900 000
    (2)   990 000
    (3)   999 000
    (4)   999 900

2. Which one of the following are common factors of 36 and 90?

    (1)   4 and 9
    (2)   6 and 9
    (3)   9 and 15
    (4)   12 and 15

3. The number of students in a school, when rounded to the nearest thousand, is
    3 000. Which one of the following can be the actual number of students?

    (1)   2 499
    (2)   3 345
    (3)   3 500
    (4)   3 785

4. Which one of the following numbers is nearest to 9 ?

    (1)   9.01
    (2)   8.09
    (3)   9.1
    (4)   8.9

1

5. Find the value of $60 - (18 + 6) \div 2 \times 3$

    (1)   6

    (2)   8

    (3)   24

    (4)   56

6. Find the value of $5\,790 \times 100$

    (1)   5 790

    (2)   57 900

    (3)   579 000
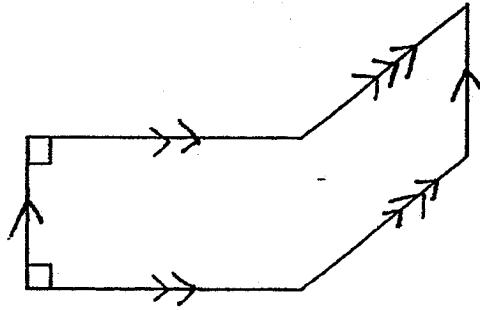
    (4)   5 790 000

7. What is the value of $\dfrac{1}{3} + \dfrac{7}{12}$?

    (1) $\dfrac{7}{36}$

    (2) $\dfrac{8}{15}$

    (3) $\dfrac{11}{12}$

    (4) $\dfrac{2}{3}$

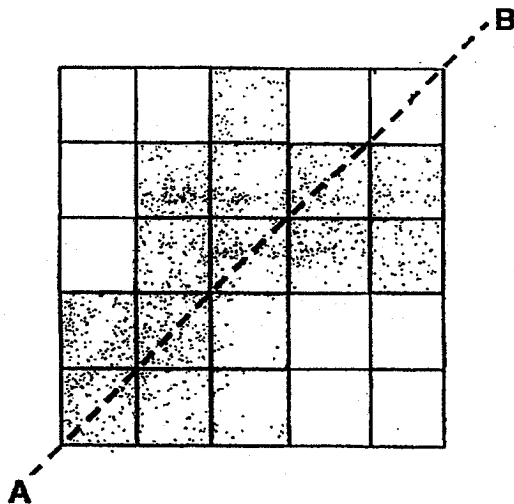8. Which one of the following fractions is the **greatest** in value?

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

    (2) $\dfrac{4}{5}$

    (3) $\dfrac{9}{10}$

    (4) $\dfrac{11}{12}$

9. How many **pairs** of parallel lines are there in the figure below?

(1) 1
(2) 2
(3) 3
(4) 4

10. The figure below shows 15 shaded squares. How many **more** squares must be shaded so that the dotted line AB is a line of symmetry?

(1) 1
(2) 2
(3) 3
(4) 4

11. Mathew had 63 stamps. He gave $\frac{3}{7}$ of them to his friend.
How many stamps had he left?

    (1)   21
    (2)   27
    (3)   36
    (4)   42

12. Mrs Lim used $\frac{3}{4}$ kg of flour to bake cakes. Mrs Lim used $\frac{1}{5}$ kg less flour than Mrs Ong. How many kilogrammes of flour did Mrs Ong use?

    (1) $\frac{1}{10}$ kg

    (2) $\frac{2}{10}$ kg

   (3) $\frac{11}{20}$ kg

    (4) $\frac{19}{20}$ kg

13. Siti took 20 minutes to walk from her house to the nearby cinema to watch a movie. The show started at 7.30 p.m. and she was 6 minutes late.
What time did she leave her house?
Give your answer using 24-hour clock.

    (1)   07 04
    (2)   07 16
    (3)   19 04
    (4)   19 16

14. Aini, Caili and Bala shared some money. The total amount of money Aini and Bala received was $1250. The total amount of money Aini and Caili received was $830. Bala's amount of money was four times as much as Caili's amount of money. How much did Aini receive?

   (1) $420

   (2) $690

   (3) $725

   (4) $1 110

15. Ahmad made a pattern using 4 shapes. The pattern is shown below. Which of the following is the 16th shape of the pattern?

   1st ♡ ☀ ✛ ☺ ♡ ☀ ✛ ☺ ♡ ☀ .....

   (1)   ♡

   (2)   ☀

   (3)   ✛

   (4)   ☺

5
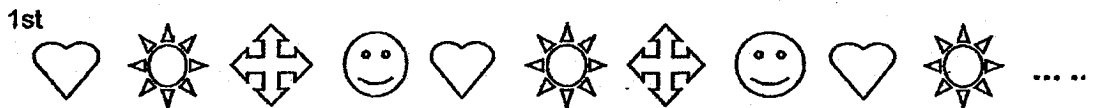
Section B

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.   (5 marks)

16.   Write six million, seven hundred and six thousand and nineteen in numeraals.

Ans:_____

17.   Find the sum of all the factors of 18.

Ans:_____

18. $2\frac{3}{5} = \frac{\Box}{5}$

The number in the box is _____ .

Ans:_____

19.   Find the sum of 12 tenths and 87 hundredths. Give your answer as a decimal.

Ans:_____

20.   List all the common multiples of 4 and 6 that are between 1 and 30.

Ans:_____

Questions **21** to **30** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

21. Subtract $\dfrac{5}{12}$ from $\dfrac{3}{4}$

    Express your answer in its simplest form.

    Ans: _____

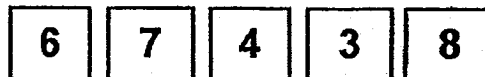22. $\dfrac{14}{42} = \dfrac{\Box}{48}$

    What is the missing number ?

    Ans: _____

23. There are 1533 cupcakes. A caterer packs 8 such cupcakes into each box. How many boxes does the caterer need?
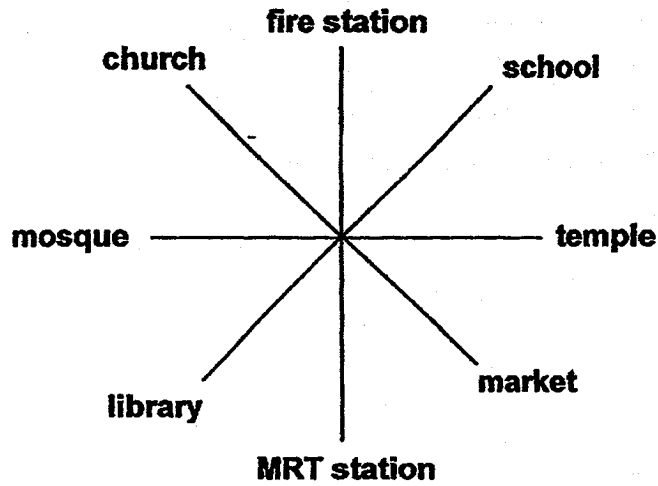
    Ans: _____

24. Using the number cards provided below, form the greatest 5-digit even number with the digit '8' in the thousands place. Each digit can only be used once.

    | 6 | 7 | 4 | 3 | 8 |

    Ans: _____

25.

Sally is facing the mosque. If she turns 135° clockwise, she would be facing the _____.

Ans: _____

26. The table below shows the number of pets owned by students in Class 5H.

Number of pets owned	Number of students
0	12
1	5
2	10

(a)   Find the number of students in Class 5H.
(b)   Find the total number of pets owned by the students in Class 5H.
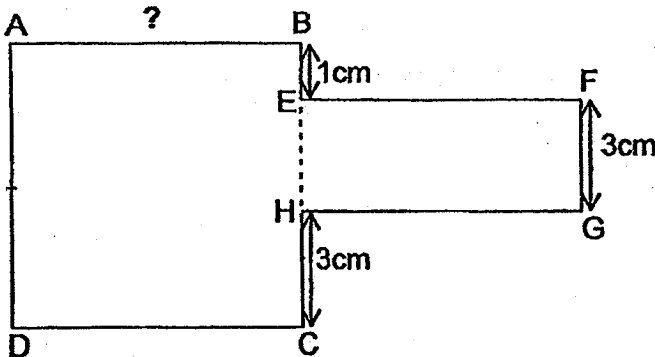
Ans: (a) _____

(b) _____

27. Mr Ang bought 120 red and green grapes from the supermarket. $\frac{3}{5}$ of the grapes were red. How many green grapes were there?

Ans: $_____

28. The figure below, not drawn to scale, is made up of a square ABCD and a rectangle EFGH.

(a) Find the number of right angles inside the figure.
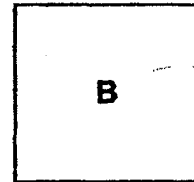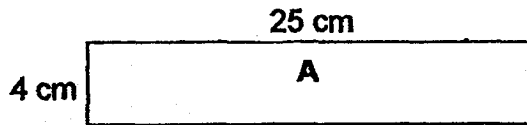
(b) Find the length of AB.
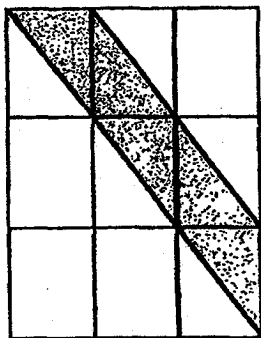

Ans: (a) _____

(b) _____ cm

29. David uses a piece of wire to form Rectangle A and Square B as shown in the following figures which are not drawn to scale.

Rectangle A has a length of 25 cm and a breadth of 4 cm. Square B has the same area as Rectangle A. Find the perimeter of Square B.
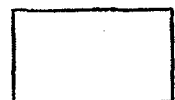
25 cm

4 cm | A |

B

Ans: _____ cm

30. What fraction of the following figure is shaded?

Ans: _____

— End of Paper 1 —

NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2018
PRIMARY 5

MATHEMATICS

Paper 2

Total Time for Paper 2: 1 hour 30 minutes

INSTRUCTION TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully
4. Answer all questions and show your workings clearly.
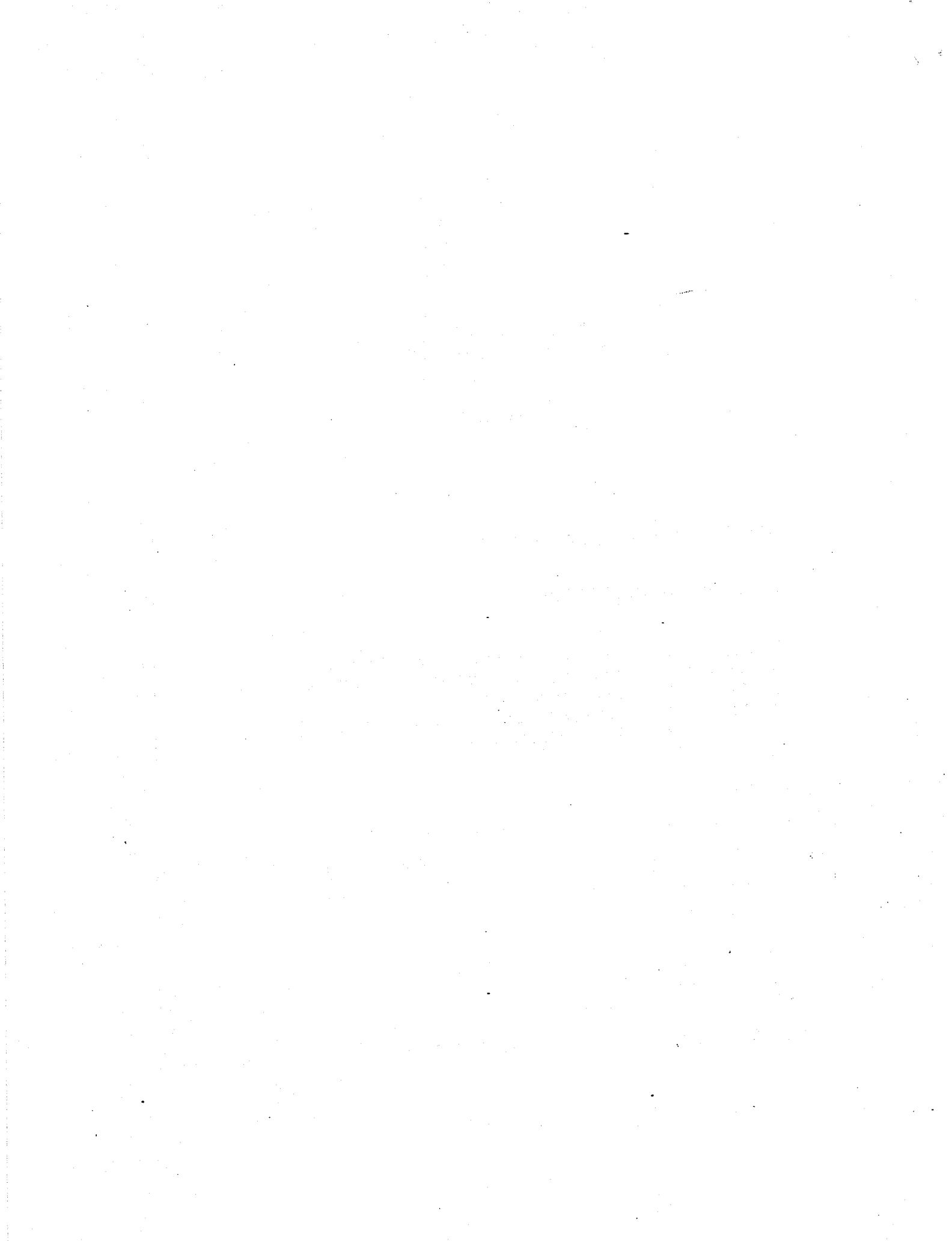5. You are allowed to use a calculator.

Marks Obtained

Total		/ 55

Name : _____(   )

Class : _____

Date : 6 March 2018   Parent's Signature : _____

Paper 2

Questions 1 to 5 carry 2 marks each. Show your workings clearly and write your answer in the space provided. For questions which require units, give your answers in the units stated. **(10 marks)**

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1. The line graph shows the amount of money Mrs Tan earned from selling muffins from January to June. Study it carefully and answer the following question.
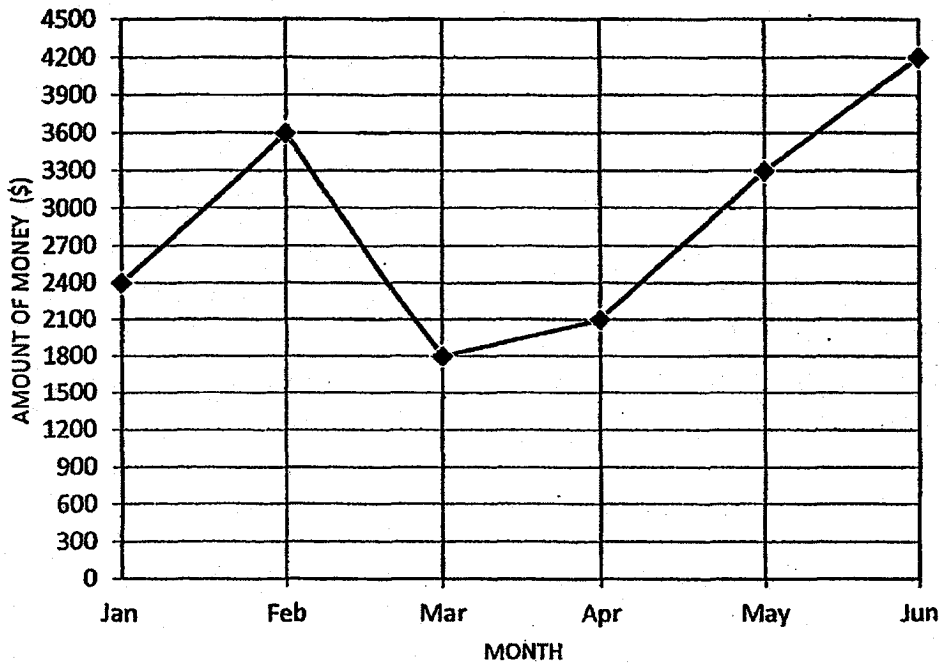
Find the difference in the amount of money Mrs Tan earned from selling muffins between February and April.

Ans :$_____

2. Huiling read $\frac{1}{5}$ of a book on Monday and the final 20 pages on Tuesday.

How many pages were there in the book?

Ans: _____

1

3. Fynn had $395 and Angela had $245. Fynn gave Angela some money and in the end, they had the same amount of money. How much money did Angela have in the end?

Ans: $_____

4. Mdm Minah bought some boxes of coffee powder and some packets of sugar that weigh 21 kg altogether.
    6 packets of sugar are removed, the mass becomes 17.4 kg.
    What is the mass of each packet of sugar?

Ans: _____kg

5. Ricky has some stickers in a box. If he puts the stickers into bags of 9, he will have no stickers left over. If he puts them into bags of 10, he will have 2 stickers left over. What is the smallest possible number of stickers in the box?

Ans: _____

2

For questions **6 to 17**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.   **(45 marks)**

6. Uncle Seng made some baskets over 4 days. Each day he made
    5 baskets more than the day before. He made a total of 206 baskets.
    How many baskets did he make on the first day?

    Ans: _____ [3]

7. Keith put 525 books on 3 shelves. There were 128 books on the third shelf.
    There were 37 more books on the second shelf than on the first shelf.
    How many books were on the first shelf?

    Ans: _____ [3]

3

8. 64 scouts were divided into groups of 4. Each scout was given 2 packs of food. In addition, each group was given another 3 packs of food.

   (a) How many groups were there?-

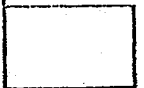   (b) How many packs of food were given out to the scouts altogether?

Ans: a)_____[1]

b)_____[2]

9. Amy, Betty and Carol made 115 curry puffs. Betty made 25 more curry puffs than Amy. Carol made twice as many curry puffs as Betty.

How many curry puffs did Carol make?

Ans: _____[3]

4

10. The sum of Ali's age and his grandmother's age is 80 years now. In 10 years' time, his grandmother will be 3 times his age. How old is Ali now?

Ans: _____ [3]

11. Joshua had a packet of stickers. He gave 50 stickers to Timothy. He then bought 125 more stickers. After that he gave half the number of stickers he had to his sister. He was finally left with 78 stickers. How many stickers had Joshua at first?
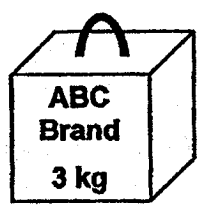
Ans: _____ [4]

5

12. A delivery man charges $80 for every trip that is on time. When he is late, he can only charge $75.50 per trip.

In March, the delivery man earned $1 582. For every 5 trips he made, 1 trip was late. How many trips were on time in March?
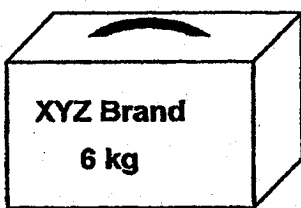
Ans: _____[4]

13. Two different brands of detergents are on promotion at a supermarket.

ABC
Brand

3 kg

$6.80 per box

XYZ Brand

6 kg

$15 per box
Buy 2 get 1 free

Uncle Bobby needs to get exactly 18 kg of detergent,

(a)   how much will he have to pay if he buys ABC Brand detergent?
(b)   how much will he save if he buys XYZ Brand instead of ABC Brand?

Ans: a)_____[2]

b)_____[2]

6

14. Sandy had $1 032 and Janice had $680. After each of them had spent an equal amount of money, Sandy had 3 times as much money left as Janice. How much did each of them spend?

Ans: _____[4]

15. Farmer Joe had 128 cows and some chickens. He sold $\frac{3}{8}$ of his cows and $\frac{2}{7}$ of his chickens. He had 155 chickens left.

(a) How many cows did he sell?

(b) How many chickens did he sell?

Ans: a)_____[2]

b)_____[2]

16. There were 38 pupils in a class. Each of them contributed $10 towards a class party. The form teacher contributed $25.

$\frac{2}{5}$ of the total amount contributed was spent on food.

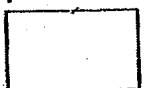$\frac{1}{9}$ of the total amount contributed was spent on decoration.

After spending $60 on drinks and some money on prizes, there was $28 left.

(a) What was the total amount contributed?

(b) How much was spent on the prizes?

Ans: a)_____[2]

b)_____[3]
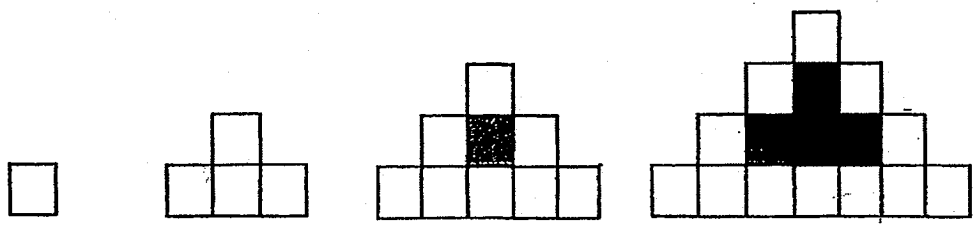
17.   Some squares are used to form the pattern below.

Pattern 1   Pattern 2   Pattern 3   Pattern 4

(a)   What is the total number of squares in Pattern 5?

(b)   Which pattern is made up of 40 white squares?

(c)   How many shaded squares are there in Pattern 30?

Ans: a)_____[1]

b)_____[2]

c)_____[2]

— End of Paper 2 —

SCHOOL : **NAN HUA PRIMARY SCHOOL**
LEVEL : **PRIMARY 5**
SUBJECT : **MATH**
TERM : **2018 CA1**

PAPER 1 BOOKLET A

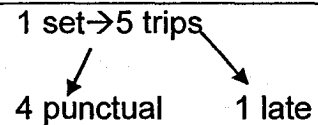| Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	2	2	1	3	3	3	4	3	3

Q11	Q12	Q13	Q14	Q15
3	4	4	2	4

PAPER 1 BOOKLET B

Q16)	6706019
Q17)	39
Q18)	13
Q19)	2.07
Q20)	12 , 24
Q21)	1/3
Q22)	16
Q23)	192
Q24)	78634
Q25)	School
Q26)	a)27 students b)25 pets
Q27)	48 green grapes
Q28)	a)6 right angles b)7 cm
Q29)	**40 cm**
Q30)	5/18

PAPER 2

Q1)	$3600 – $2100 = $1500
Q2)	1 – 15/ = 4/5 4/5 of the book = 20

	1/5 of the book = 20 ÷ 4 = 5 5/5 of the book = 5 x 5 = 25 pages
Q3)	$395 + $245 = $640 $640 ÷ 2 = $320
Q4)	0.6 kg
Q5)	72 stickers
Q6)	206 − 5 x 6 = 206 − 30 = 176 176 ÷ 4 = 44 baskets
Q7)	525 − 37 = 488 488 − 128 = 360 360 ÷ 2 = 180 books

Q8)	a)64 ÷ 4 = 16
	b)64 x 2 = 128
	  16 x 3 = 48
	   128 + 48 = 176

Q9)	115 + 25 = 140 140 ÷ 4 = 35 35 x 2 = 70
Q10)	80 + 10 + 10 = 100 4u = 80 + 10 + 10 = 100 1u = 100 ÷ 4 = 25 25 − 10 = 15
Q11)	78 x 2 = 156 156 − 125 = 31 31 + 50 = 81
Q12)	1 set→5 trips 4 punctual 1 late 4 x $80 + 1 x $75.50 = $395.50 $1852 ÷ $395.50 = 4 set 4 x 4 = 16

Q13)	a)18 kg ÷ 3 kg = 6
	   6 x $6.80 = $40.80
	b)18 kg ÷ 6 kg = 3
	   3 ÷ 2 = 1 R1
	   $15 x 2 = $30
	   $40.80 − $30 = $10.80

Q14)	$1032 − $680 = $352 2 units = $352 1 unit = $352 ÷ 2 = $176

	$680 – $176 = $504
Q15)	a)3/8 x 128/1 = 48
	b)5u = 155
	1u = 155 ÷ 5 = 31
	2u = 31 x 2 = 62
Q16)	a)38 x $10 = $380
	$380 + $25 = $405
	b)$405 ÷ 5 = $81
	$81 x 2 = $162
	F : $162
	$405 ÷ 9 = $45
	D : $45
	DR: $60
	$60 + $4 + 162 = $267
	$405 – $267 = $138
	$138 – $28 = $110
Q17)	a)25
	b)Pattern 11
	c)784 shaded squares