HENRY PARK PRIMARY SCHOOL
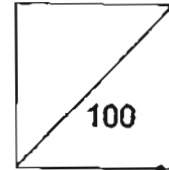## 2011 SEMESTRAL EXAMINATION 1
MATHEMATICS
PRIMARY 3

/100

Name:_____ (   )

Parent's Signature

Class: Pr 3 _____

_____

Duration of Paper: 1 h 30 min

Section A: (20 x 2 marks = 40 marks)
Choose the correct answer and write its number in the brackets provided.
You are required to shade the OAS at the end of the examination.

1.   Nine thousand and forty can be written as _____.

   (1) 914
   (2) 940
   (3) 9040
   (4) 9400   (   )

2.   In 7501, the digit 5 stands for _____.

   (1) 5
   (2) 50
   (3) 500
   (4) 5000   (   )

3.   Find the sum of 1369 and 5240.

   (1) 3871
   (2) 3889
   (3) 6509
   (4) 6609   (   )

4. A bottle contains 8 sweets. How many sweets are there be in 9 such bottles?

   (1) 17
   (2) 63
   (3) 72
   (4) 81   (   )

5. Find the value of 56 x 4.

   (1) 204
   (2) 224
   (3) 284
   (4) 404   (   )

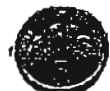6. What is the quotient when 618 is divided by 6?

   (1) 13
   (2) 102
   (3) 103
   (4) 130   (   )

7. What is the amount of money shown below?

   (1) $18.85
   (2) $19.56
   (3) $20.55
   (4) $20.65   (   )

8.   3 thousands + 7 hundreds + 5 ones = _____.

    (1) 375
    (2) 3075
    (3) 3705
    (4) 3750   (   )

9.   Which of the following has the same value as 4 900?

    (1) 49 ones
    (2) 49 tens
    (3) 49 hundreds
    (4) 49 thousands   (   )

10.   2139 + _____ = 3507

    (1) 1368
    (2) 1432
    (3) 2588
    (4) 5646   (   )

11.   6 x 4 = _____ x 3

    (1) 8
    (2) 21
    (3) 24
    (4) 72   (   )

12.   121 x 4 = 400 + $\boxed{?}$ + 4

    What is the missing number in the box?

    (1) 8
    (2) 80
    (3) 84
    (4) 484   (   )

13. Mother baked 295 cookies. She put all the cookies into trays of 9 and found that there were some cookies left. How many cookies were left?

    (1) 1
    (2) 2
    (3) 7
    (4) 25   (   )

14. Peter bought a pair of sports shoes for $69.90. He gave the cashier 2 fifty-dollar notes. How much change did he receive?

    (1) $19.90
    (2) $21.10
    (3) $30.10
    (4) $31.10   (   )

15. Mrs Lim bought a towel for $45.05, a skirt for $36.55 and a chocolate bar for 95¢. How much did she spend altogether?

    (1) $81.55
    (2) $81.60
    (3) $82.00
    (4) $82.55   (   )

16. Find the difference between 9999 and the smallest possible 4-digit number. The answer is _____.

    (1) 8899
    (2) 8989
    (3) 8998
    (4) 8999   (   )

17. Find the missing number in the following number pattern.

_____, 3256, 3253, 3247, 3244, 3238,

(1) 3250
(2) 3253
(3) 3259
(4) 3262   (   )

18. In a quiz, a pupil is awarded 2 sweets for every 7 correct answers.
How many sweets will he receive for 56 correct answers?

(1) 8
(2) 16
(3) 28
(4) 196   (   )

19. Mrs Teo had 2 packs of stickers. There were 72 stickers in each
pack. She distributed the stickers equally among all her pupils.
Each pupil received 3 stickers. How many pupils did Mrs Teo have?

(1) 24
(2) 48
(3) 144
(4) 216   (   )

20. Tim uses the four letters A, B, C and D to form a pattern. The first
16 letters are shown below. Which letter is in the 50th position?

A B C D D C B A A B C D D C B A ... ?
1st   8th   16th   50th

(1) A
(2) B
(3) C
(4) D   (   )

Name:_____( )

Class: Pr 3 _____
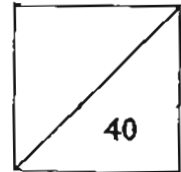
Section B: Open-Ended (20 x 2 marks = 40 marks)
Read the following questions carefully and write your answers in the boxes provided. Show all your workings clearly.

21. Write 5496 in words.

22. Arrange the numbers in order. Begin with the smallest number.

| 3715 | 7315 | 3571 | 3751 |

23. Megan has 827 pears. She also has 585 oranges.
    How many fruits does she have altogether?

24. An insect has 6 legs. How many legs would 27 insects have altogether?

```
┌──────────────┐
│              │
└──────────────┘
```

25. Find the quotient and remainder when 578 is divided by 3.

```
┌──────────────────┐
│            R     │
└──────────────────┘
```

26. Mrs Lim bought 8 similar chickens. She gave the cashier $50 and received $18 change. What was the cost of 1 such chicken?

```
┌──────────────┐
│ $            │
└──────────────┘
```

27. What are the missing digits in the boxes?

$$
\begin{array}{r}
\not{8}\ 0\ 0\ \boxed{B} \\
-\ \boxed{A}\ 1\ 6\ 7 \\
\hline
4\ 8\ 3\ 8 \\
\hline
\end{array}
$$

```
┌──────────────────────┐
│   A = _____     │
│                      │
│   B = _____     │
└──────────────────────┘
```

28. What is the smallest 4-digit even number that can be formed using all the digits shown below? Use each digit only once.

5 , 2 , 0 , 4

29. In 3050, find the difference between the value of digit 3 and the value of digit 5.

30. Identify the even numbers shown below and find the product of these numbers.
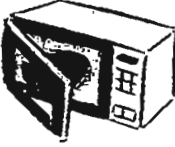
513	289	196	7	4

31. $\boxed{?} \div 7 = 28 \text{ R } 4$

What is the missing number in the box?

32. A chair costs $30. A table costs $50 more than 3 such similar chairs.
What is the cost of the table?

$

33. Anna spent $34.20 on a badminton racket.
She spent $19.95 less on a sports bag than the badminton racket.
How much did Anna spend altogether?

$

34. Mr Lim bought 2 of the items shown below. One of them was the laptop.
He gave the cashier $2000 and received $123 change.
What was the other item Mr Lim bought?

Item	Fan	Oven	Handphone	Laptop
Cost	$157	$323	$424	$1554

35. The sum of two numbers is 3000.
The difference between these two numbers is 2906.
What is the value of the smaller number?

36. Find the sum of 1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 + 17 + 19.

37. 2 boys and 3 girls shared 265 marbles equally.
How many marbles did each child receive?

38. Pens are only sold in packets of 5. Each packet is sold at $9.
Gerald has $42. What is the greatest number of pens he can buy?

39. Joshua had 150 stamps more than Samuel. Joshua then gave 30 of his stamps to Samuel. How many more stamps does Joshua have than Samuel now?

40. Julian has a $10 note. How much more money should he save so that he can buy himself a movie ticket and a tub of popcorn?
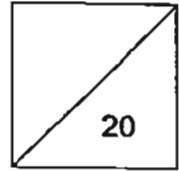
Movie ticket
$9.50

Tub of popcorn
$4.45

$
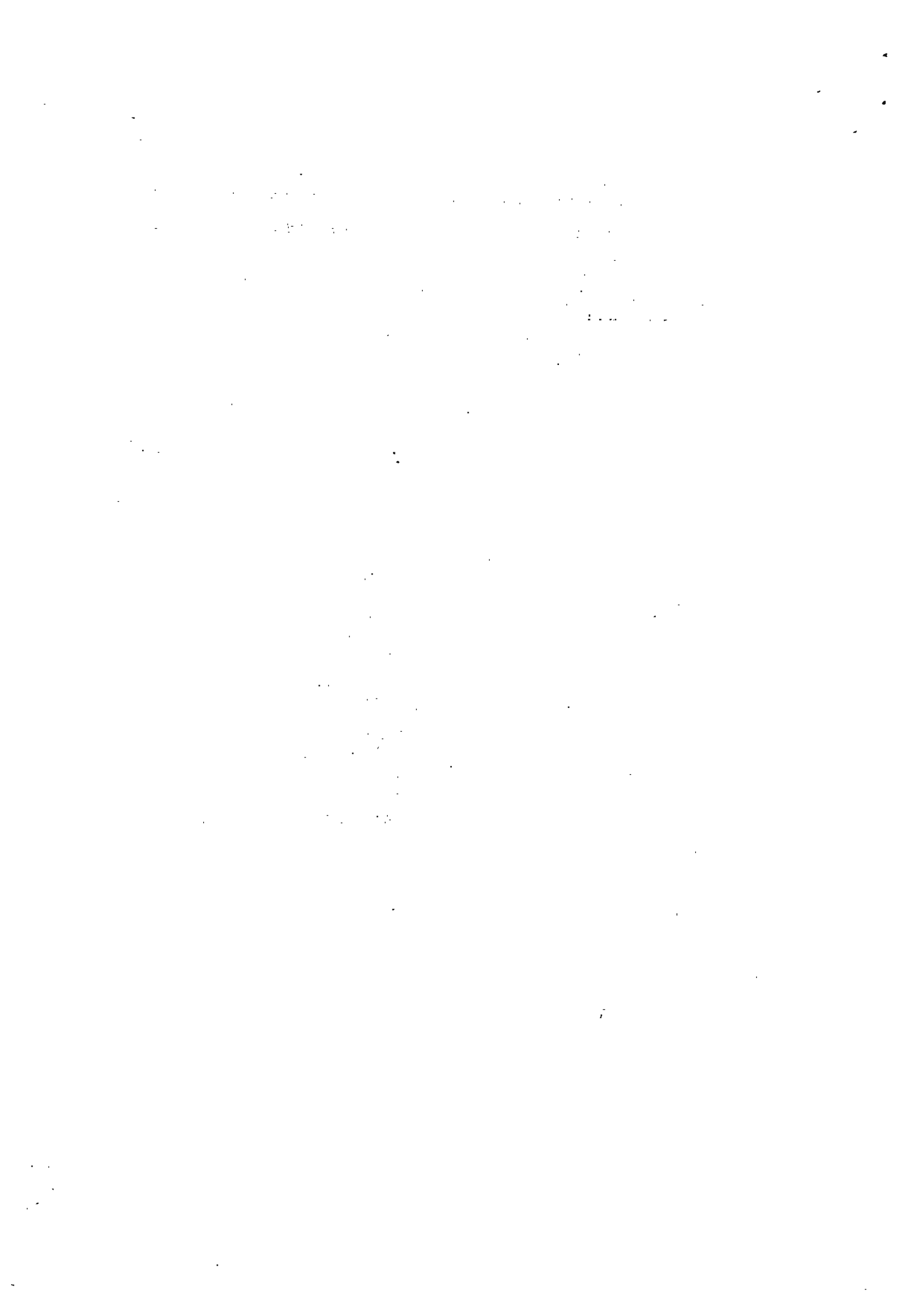
Name:_____ (   )

Class: Pr 3 _____

Section C: Problem Sums (5 x 4 marks = 20 marks)
Read the problem sums carefully before solving it.
Show all your workings clearly.

41. There were 3954 pupils in a school. 1082 pupils were boys and
the rest were girls. How many more girls than boys were there?

Working

42. Mrs Wu bought a blouse and a pair of shoes. The blouse cost $39.95 and
the pair of shoes cost $21.40 more than the blouse.
How much did she spend altogether?

Working

43. Father is 5 times as old as Calvin now. In 10 years' time, their total age will be 74 years old. How old is Calvin now?

44. Andy, Ben and Charles had 1055 stickers. Ben had 30 stickers fewer than Andy. Charles had 65 stickers more than Ben. How many stickers does Andy have?

45. A bicycle has 2 wheels and a tricycle has 3 wheels. Mr Chong has 40 bicycles and tricycles in his shop. He counted and found out that there were a total of 95 wheels. How many tricycles are there Mr Chong's shop?
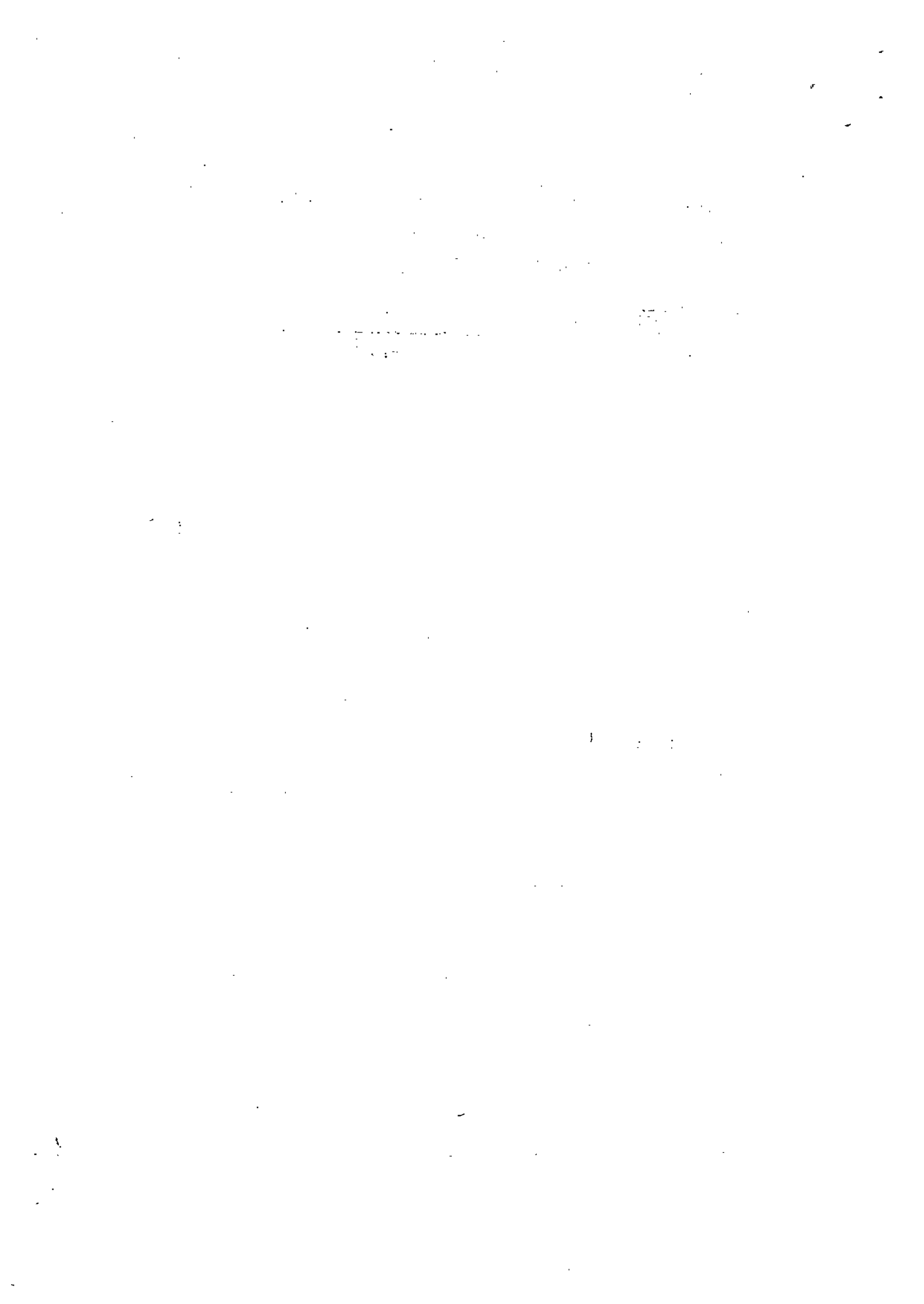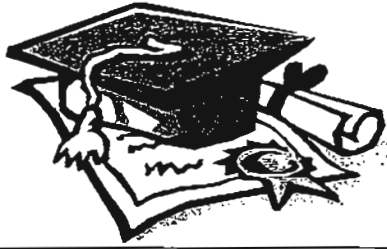
<u>Working</u>

-END OF PAPER-

Setters:

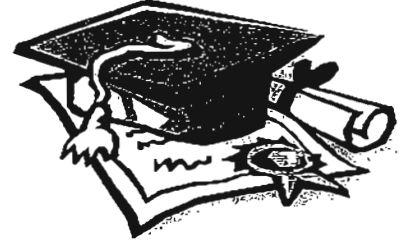Mrs Teo-Loh Sheau Mei

Mdm Noor Azida

ANSWER SHEET

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

Q18	Q19	Q20
2	2	2

21) Five thousand four hundred and ninety-six.　　22) 3571, 3715, 3751, 7315

23) 1412　　24) 162　　25) 192 R2　　26) $4　　27) A= 3　B= 5

28) 2054　　29) 2950　　30) 784　　31) 200　　32) $140

33) $48.45　　34) Oven　　35) 47　　36) 100　　37) 53

38) 20　　39) 90　　40) $3.95

41) $3954 - 1082 = 2872$
$2872 - 1082 = 1790$
There are 1790 more girls than boys.

42) $\$39.95 + \$21.40 = \$61.35$
$\$61.35 + \$39.95 = \$101.30$
She spend $101.30 altogether.

43)
Calvin	+10	Father	+10	Total	✗ / ✓
8	18	40	50	50+18 = 68	X
9	19	45	55	55+19 = 74	✓

He his 9 years old now.

44) $1055 - 65 = 960$
$960 \div 3 = 320$
$320 + 30 = 350$
Andy have 350 stickers.

45) No.of bicycle	No.of bicycle wheels	No.of tri	No.of tri wheels	Total	check
20	20x2 = 40	20	20x3=60	60+40=100	X
18	18x2 = 36	22	22x3=66	66+36=102	X
19	19x2 = 38	21	21x3=63	63+38=101	X
22	22x2 = 44	18	18x3=54	98	X
25	25x2 = 50	15	15x3=45	95	√

There are 15 tricycles in Mr Chong's shop.