Name: _____ (   )

Class : Primary 3 _____

Primary 3 Mathematics
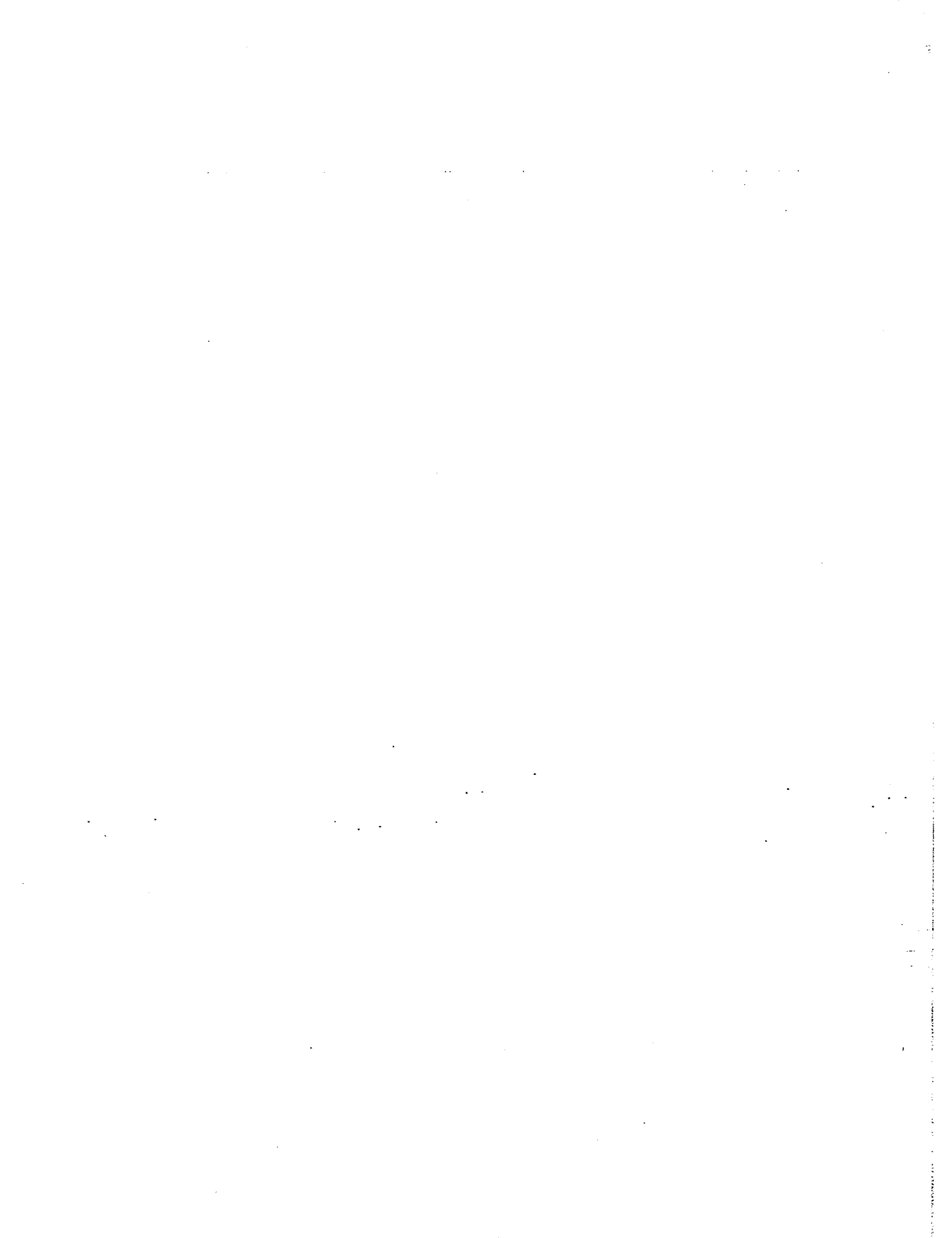
2016 Semestral Assessment One

Booklet A

10 May 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 7 printed pages including the cover pages.

Section A: (15 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and <u>SHADE</u> the oval completely.

1. Write five thousand, two hundred and eight in numerals.

    1) 5028

    2) 5208

    3) 5218

    4) 5280

2. 3824 + _____ = 5700

    1) 1876

    2) 1886

    3) 2124

    4) 2276

3. 4956 has the same value as _____ .

    1) 4000 + 9 + 50 + 600

    2) 4000 + 90 + 50 + 6

    3) 4000 + 900 + 50 + 6

    4) 4000 + 900 + 50 + 60

4. What is the remainder when 779 is divided by 7?

1) 1

2) 2

3) 3

4) 4

5. $\square$ x $\triangle$ = 36

$\square$ and $\triangle$ are two different 1-digit numbers.

What can $\square$ be?

1) 6

2) 7

3) 8

4) 9

6. $ 309.05 + $ 27.65 = _____

1) $ 326.60

2) $ 336.60

3) $ 336.70

4) $ 338.70

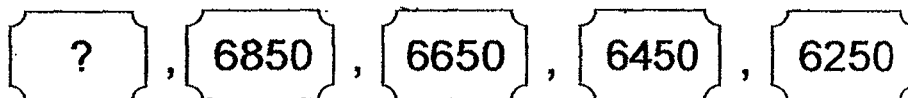7. What is the greatest 4-digit odd number that can be formed using the digits 1, 2, 0 and 3?

   1) 3201

   2) 3210

   3) 2301

   4) 2310

8. Complete the number pattern below.

   [?] , [6850] , [6650] , [6450] , [6250]

   1) 6750

   2) 6950

   3) 7050

   4) 7150

9. Emma has 256 marbles. She has 30 fewer marbles than Siti. How many marbles do they have altogether?

   1) 226

   2) 286

   3) 482

   4) 542

10. Greta sold 750 hair clips. Zi Yi sold 3 times as many hair clips as Greta. How many hair clips did Zi Yi sell?

   1) 250

   2) 375

   3) 2250

   4) 3000

11. A car can seat 7 people at most. What is the smallest number of cars needed to seat 153 people?

   1) 21

   2) 22

   3) 23

   4) 24

12. Sal had 124 cookies. Hui Xin had 245 more cookies than Sal. Ali had 67 fewer cookies than Hui Xin. How many cookies did Ali have?

   1) 178

   2) 188

   3) 302

   4) 369

13. I am thinking of a number. The number is smaller than 40. It can be found in both the multiplication tables of 6 and 8. What number am I thinking of?

    1) 12

    2) 16

    3) 24

    4) 28

14. Mdm Ng had 36 students. She gave each student 5 stickers and had 3 stickers left. How many stickers did Mdm Ng have at first?

    1) 98

    2) 180

    3) 183

    4) 288

15. Isaac had a total of $10. There were 3 two-dollar notes and some fifty-cent coins. How many fifty-cent coins did he have?

    1) 8

    2) 7

    3) 6

    4) 4

Primary 3 Mathematics

2016 Semestral Assessment One

Booklet B

10 May 2016

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of **10** printed pages including the cover page.

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

16.   Write 6012 in words.

Ans : _____

17.   Arrange the following numbers in order. Begin with the greatest.

| 371 | 3476 | 3732 | 349 |

Ans : _____ , _____ , _____ , _____

        (greatest)

18.   What is 8 groups of 8?

Ans : _____

19.   Fill in the missing number in the box.

        ☐ ÷ 5 = 30

Ans : _____

2

20. What is the product of 703 and 3?

Ans : _____

21. Ronald put 280 tarts equally into 7 containers. How many tarts did he put into each container?

Ans : _____

22. Aiken bought a bun for 65 ¢ and a packet of milk for 80 ¢. He paid the cashier $2. How much change did he receive?

Ans : $ _____

23.   Edith bought 42 sweets. She bought 6 times as many sweets as Yi Ting. How many sweets did Yi Ting buy?

Ans : _____

24.   Jason had $476. He paid $127.30 for a pair of sports shoes. How much money did he have left?

Ans : $ _____

25.   Mrs Foong bought a flask that cost $25. She also bought a rice cooker that cost $130 more than the flask. How much money did she spend in all?
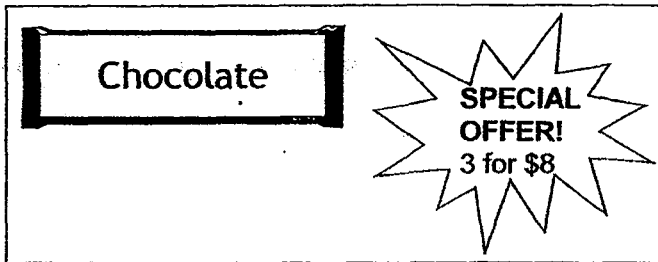
Ans : $_____

26. There were 170 brochures. Mrs Samad packed some of these brochures equally into 3 bundles. She had 65 brochures left. How many brochures were there in each bundle?

Ans : _____

27. Miss Ho bought some chocolate bars and paid $24 for them. How many chocolate bars did she buy?

Chocolate

SPECIAL OFFER! 3 for $8

Ans : _____

28. Rosie made 90 kaya buns and vanilla buns altogether. She made 9 times as many kaya buns as vanilla buns. How many more kaya buns than vanilla buns did she make?

Ans : _____

5

29. Xiao Min collected plastic bottles for a recycling campaign. The table below shows the number of plastic bottles she had collected. If the pattern continues, how many plastic bottles would she have collected in Week 6?
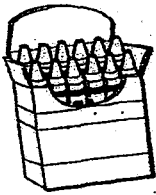
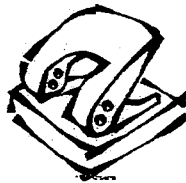| Number of Weeks	Number of Bottles Collected
Week 1	5
Week 2	7
Week 3	11
Week 4	17
Week 5	25
Week 6	?

Ans : _____

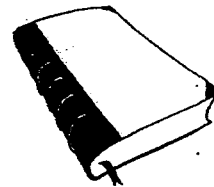30. Brandon had $50. He bought 2 items that cost more than $40 at a book fair. Which 2 items did he buy?

A box of crayons $18.80	Rubik's cube $7.90	Hole puncher $26.50	Dictionary $32.00

Ans : _____ and _____

6

Section C: (20 marks)

For questions **31** to **36**, 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.

31.   At the Art Museum, there were 6831 visitors. 4724 of them were adults and the rest were children. How many more adults than children were there?
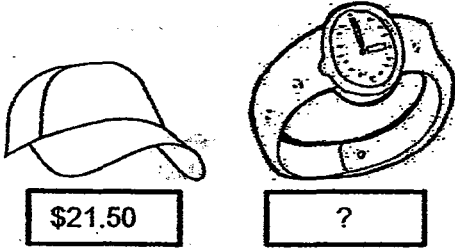
Ans : _____ [3]

32.   There are a total of 50 bicycles and cars. The cars have a total of 156 wheels. How many bicycles are there? (Note : A bicycle has 2 wheels and a car has 4 wheels)

Ans : _____ [3]

7

33. Wei Qiang had $90. He bought a watch and a cap. The cap cost $21.50. Wei Qiang had $12.70 left. How much did the watch cost?

$21.50

?

Ans : _____ [3]

34. There are 6 boxes. Each box has 26 cups. On each cup, there are 3 letters printed on it. How many letters are printed on the cups altogether?

Ans : _____ [3]

35.   Jerilee has $4502. Prisca has $646.

(a) How much more money does Jerilee have than Prisca?

(b) How much money must Jerilee give to Prisca so that both of them have the same amount of money?

Ans : (a) _____ [2]

(b) _____ [2]

36. Mrs Tan bought some chairs, tables and lamps for her new cafe.
She bought twice as many chairs as lamps. There were 133 lamps.
She also bought 27 fewer tables than chairs.

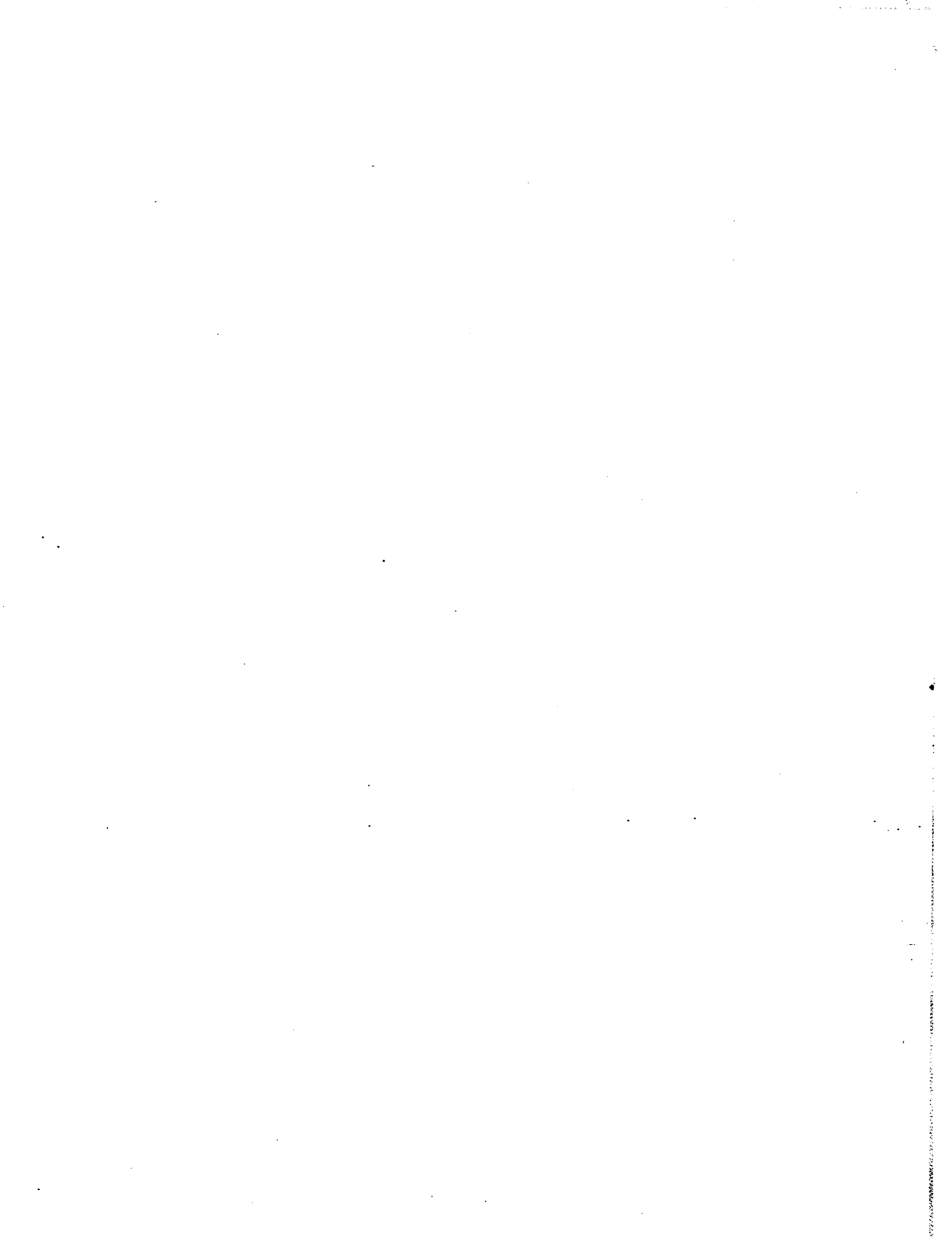(a) How many chairs did she buy?

(b) How many tables did she buy?

Ans : (a) _____ [2]

(b) _____ [2]

END OF PAPER

10

ANSWER KEY

Booklet A

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

Booklet B

Q16   Six thousand and twelve.

Q17   3732, 3476, 371, 349

Q18 $8 \times 8 \Rightarrow \underline{64}$

Q19 $\underline{150} \div 5 = 30$

Q20 $703 \times 3 \Rightarrow \underline{2109}$

Q21 $280 \div 7 \Rightarrow \underline{\text{40 tarts}}$

Q22 $\$0.65 + \$0.80 \rightarrow \$1.45$
              $\$2 - \$1.45 \Rightarrow \underline{\$0.55}$

Q23 $42 \div 6 \Rightarrow \underline{\text{7 sweets}}$

Q24 $\$476.00 - \$127.30 \Rightarrow \underline{\$348.70}$

Q25   Flask $\rightarrow \$25$
              Rice cooker $\rightarrow \$25 + \$130 = \$155$
              Total spent $\Rightarrow \underline{\$180}$

Q26   170 − 65 → 105
105 ÷ 3 ⇒ <u>35</u>

Q27   24 ÷ 8 → 3
3 x 3 ⇒ <u>9</u>

Q28   72 more kaya buns

Q29   25 + 10 ⇒ <u>35 plastic bottles</u>

Q30 $18.80 + $26.50 → $45.30
<u>A box of crayons</u> and <u>Hole puncher</u>

Q31   Children → 6831 − 4724 = 2107
4724 − 2107 ⇒ <u>2617 more adults</u>

Q32   Total cars → 156 ÷ 4 = 39
50 − 39 ⇒ <u>11 bicycles</u>

Q33 $90 - $21.50 → $68.50
$68.50 - $12.70 ⇒ <u>$55.80</u>

Q34   26 x 6 → 156
156 x 3 ⇒ <u>468 letters</u>

Q35   (a) $4502 - $646 ⇒ <u>$3856</u>

               (b) $3856 ÷ 2 ⇒ <u>$1928</u>

Q36   (a)   133 x 2 ⇒ <u>266 chairs</u>

               (b)   266 − 27 ⇒ <u>239 tables</u>

End