

**Maha Bodhi School**  
**2019 Semestral Assessment 2**  
**Primary 3**  
**Mathematics**  
**Booklet A**

Name : \_\_\_\_\_ (      )

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

Date : 30 October 2019

Total Duration for Booklets A and B: 1 h 45 min

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**INSTRUCTIONS TO CANDIDATES:**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.



**Section A ( 30 marks )**

Questions 1 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.

1. In 2815, the digit 8 stands for \_\_\_\_\_.

- (1) 8 ones
- (2) 8 tens
- (3) 8 hundreds
- (4) 8 thousands

2. Which of the following is an odd number formed using all the digits 4, 6, 7 and 8?

- (1) 8764
- (2) 7846
- (3) 6487
- (4) 4678

3.  $4458 + 613 =$  \_\_\_\_\_

- (1) 3845
- (2) 4245
- (3) 5071
- (4) 5161

4.  $257 \times 6 =$  \_\_\_\_\_

(1) 1542

(2) 1502

(3) 1242

(4) 1202

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5. Find the value of  $\frac{5}{9} - \frac{1}{3}$

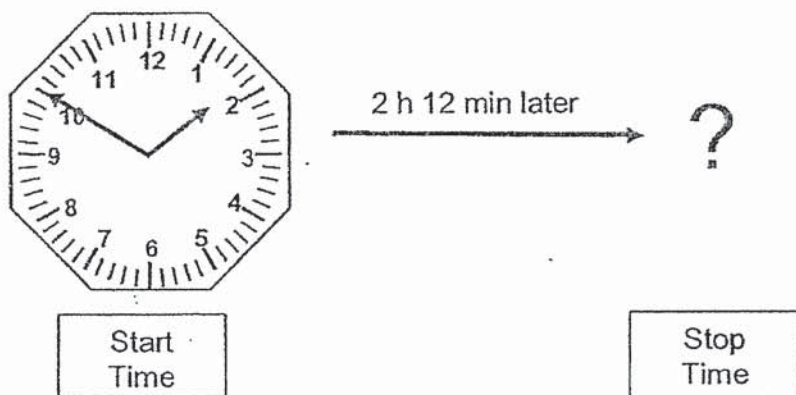
(1)  $\frac{2}{6}$

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

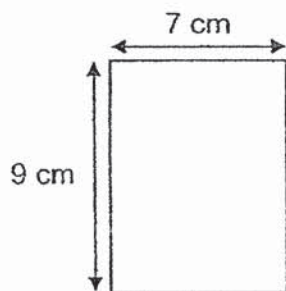
(3)  $\frac{2}{9}$

(4)  $\frac{4}{9}$

6. Peter started playing soccer at the time shown below.  
He played for 2 h 12 min. What time did he stop playing?

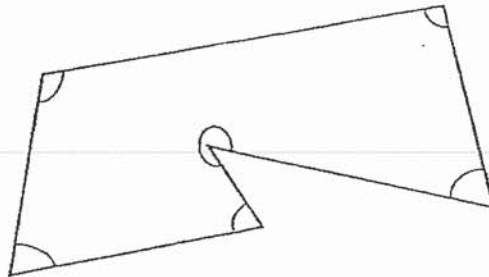


- (1) 5.02 p.m.  
(2) 4.02 p.m.  
(3) 2.50 p.m.  
(4) 1.50 p.m.
7. Find the area of a rectangle with a length of 9 cm and a breadth of 7 cm.



- (1)  $16 \text{ cm}^2$   
(2)  $25 \text{ cm}^2$   
(3)  $32 \text{ cm}^2$   
(4)  $63 \text{ cm}^2$

8. How many angles inside the figure below are smaller than a right angle?



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

9. Jim had 6840 pebbles.  
He gave away 1740 pebbles.  
How many pebbles had he left?

- (1) 5100
- (2) 6100
- (3) 7580
- (4) 8580

10. When a number is divided by 3, the quotient is 104 and the remainder is 2.

What is the number?

(1) 208

(2) 211

(3) 312

(4) 314

11. Mrs Lim bought 224 boxes of cupcakes.

There were 4 cupcakes in each box.

How many cupcakes did she buy?

(1) 51

(2) 56

(3) 886

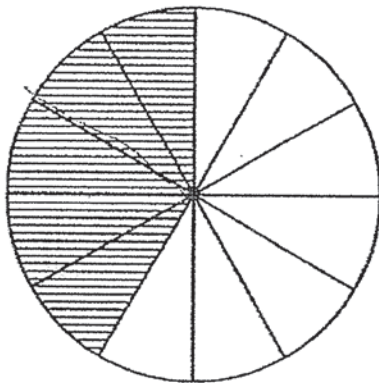
(4) 896

12. The mass of a primary school pupil's school bag is about \_\_\_\_\_.

- (1) 4 g
- (2) 40 g
- (3) 4 kg
- (4) 40 kg

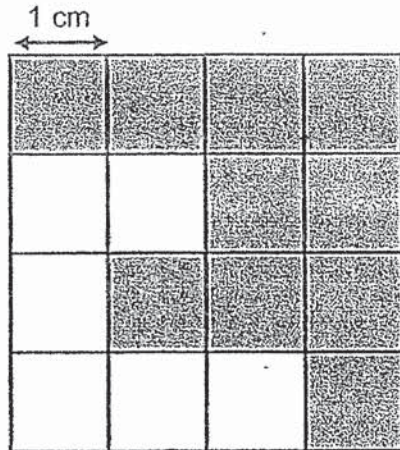
13. Elton wants to shade  $\frac{3}{4}$  of the figure below. He has already shaded 5 parts.

How many more parts must he shade?



- (1) 9
- (2) 7
- (3) 3
- (4) 4

14. The following shaded figure is made up of 10 identical squares.  
What is the perimeter of the shaded figure?



- (1) 10 cm  
(2) 14 cm  
(3) 16 cm  
(4) 18 cm
15. Jiajia, Meimei, Tom and Paul have some marbles.  
Jiajia has 15 more marbles than Meimei.  
Meimei has 28 fewer marbles than Tom.  
Paul has 10 more marbles than Jiajia.  
Who has the most marbles?
- (1) Tom  
(2) Paul  
(3) Jiajia  
(4) Meimei



Maha Bodhi School  
2019 Semestral Assessment 2  
Primary 3  
Mathematics  
Booklet B

Name : \_\_\_\_\_ (    )

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**INSTRUCTIONS TO CANDIDATES:**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

| Booklet      | Marks Obtained | Max Marks |
|--------------|----------------|-----------|
| A            |                | 30        |
| B            |                | 50        |
| <b>Total</b> |                | <b>80</b> |

Parent's signature: \_\_\_\_\_

This booklet consists of 14 printed pages.

**Section B (30 marks)**

Questions 16 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.

16. Write 9344 in words.

Ans: \_\_\_\_\_

17. Find the sum of 5116 and 1082.

Ans: \_\_\_\_\_

18.  $9000 - 991 =$  \_\_\_\_\_

Ans: \_\_\_\_\_

19. An ant has 6 legs.  
How many legs do 8 ants have?

Ans: \_\_\_\_\_ legs

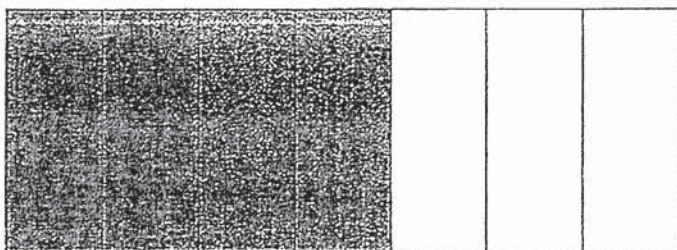
20. Find the remainder when 751 is divided by 7.

Ans: \_\_\_\_\_

21. Write  $\frac{8}{12}$  in its simplest form.

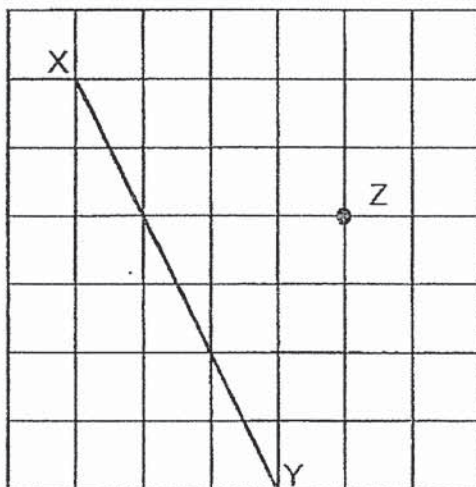
Ans: \_\_\_\_\_

22. The figure below is made up of 7 identical rectangles.  
What fraction of the figure below is shaded?



Ans: \_\_\_\_\_

23. Draw a line parallel to XY passing through Point Z.



24. Complete the number pattern.

766, 646, 526, 406, \_\_\_\_\_, 166

Ans: \_\_\_\_\_

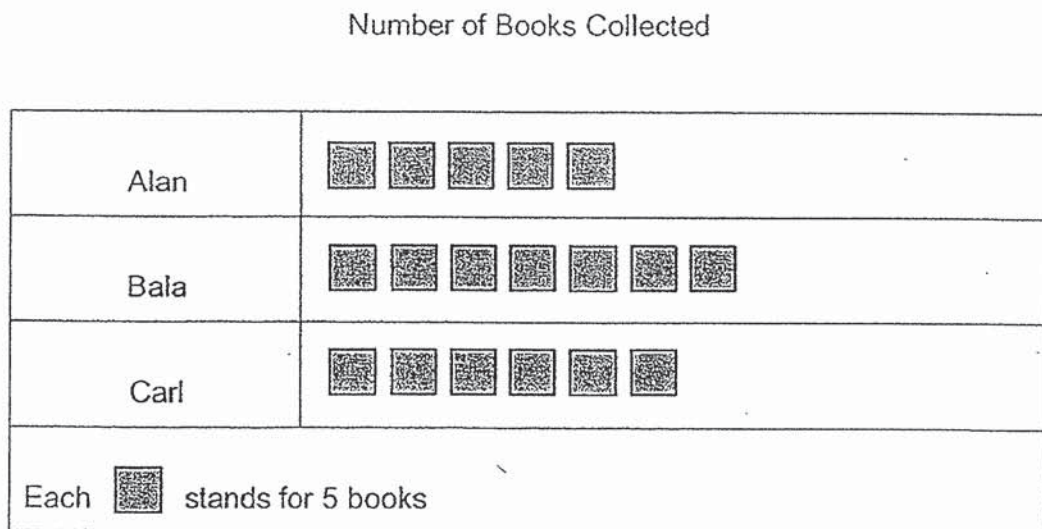
25. Adam had 586 stickers.

He packed 8 stickers each into some bags and had some stickers left over.

How many stickers are packed into the bags altogether?

Ans: \_\_\_\_\_ stickers

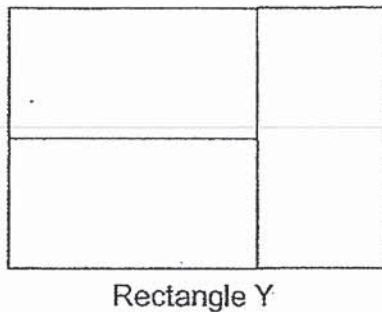
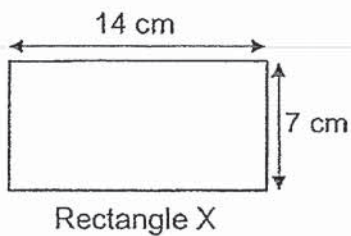
26. The picture graph below shows the collection of books from 3 boys.  
Study the graph carefully.



How many books did the three boys collect altogether?

Ans: \_\_\_\_\_ books

27. Rectangle Y below is made up of three Rectangle Xs.  
Find the perimeter of Rectangle Y.

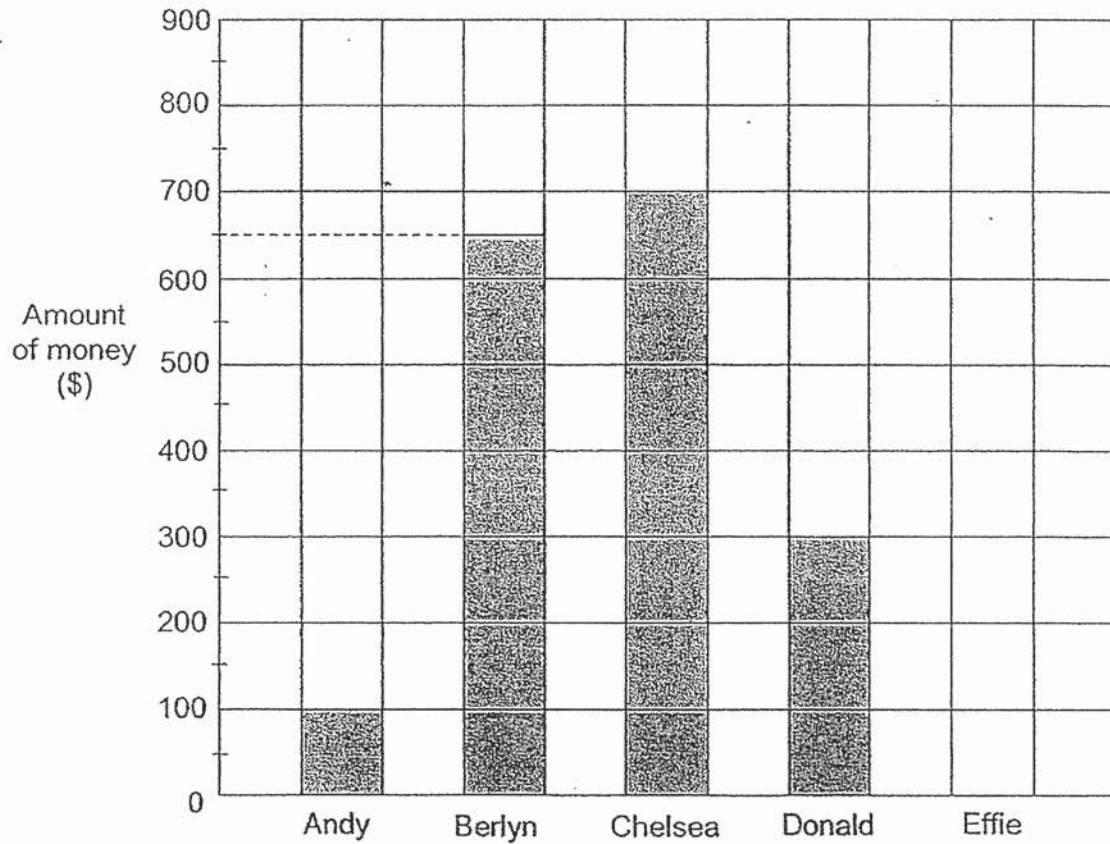


Ans: \_\_\_\_\_ cm

28. Alvin, Betty and Caleb have 68 candies.  
Alvin has as many candies as Caleb.  
Betty has 14 more candies than Alvin.  
How many candies does Alvin have?

Ans: \_\_\_\_\_ candies

29. The bar graph below shows the amount of money saved by five children. The bar for the amount of money saved by Effie has not been drawn. Study the bar graph carefully.



The amount of money saved by Effie was twice the total amount of money saved by Andy and Donald. How much did Effie save?

Ans: \$ \_\_\_\_\_

30. In School XYZ, the duration of each period in the time table is 40 min.

The first period starts at 8.30 a.m.

At what time does the 3<sup>rd</sup> period start?

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Ans: \_\_\_\_\_ a.m.

**Section C ( 20 marks )**

Questions 31 to 34 carry 3 marks each.

Questions 35 and 36 carry 4 marks each.

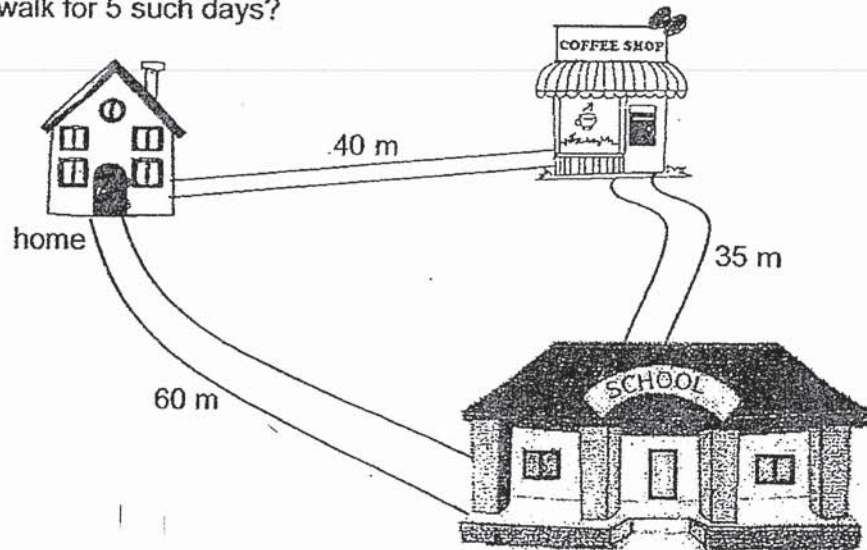
Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

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31. Kai has 1674 stamps and Ali has 234 stamps.  
Siti has 167 more stamps than Ali.  
How many stamps do Siti and Kai have altogether?

Ans: \_\_\_\_\_ [3]

32. Every day, Weiming walks 60 m from his home to school.  
After school, he walks 35 m to the coffee shop.  
From the coffee shop, he walks 40 m back home.  
How far does he walk for 5 such days?



Ans: \_\_\_\_\_ [3]

33. Josh made 785 ml of lemonade.

He poured equal amounts of the lemonade into 6 glasses and had 5 ml left.

How much lemonade was there in each glass?

Ans: \_\_\_\_\_ [3]

34. Uncle Chen started to make a kite at 8.00 a.m. He completed it at 9.40 a.m.  
Uncle Meng took 15 min more than Uncle Chen to make a kite.  
How long did Uncle Meng take to make the kite?
- 

Ans: \_\_\_\_\_ [3]

35. Mary and John were in a shop.

Mary bought a watch for \$78.30. She gave the cashier a \$100 note.

(a) How much change did Mary receive?

(b) John bought a bag for \$35.60.

How much more did the watch cost than the bag?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

36. Mr Low bought one burger at \$6.  
a) How much do 9 burgers cost?

One burger cost as much as 3 packets of fries.

- b) How many packets of fries can Mr Low buy with \$24?
- 

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]



*Remember to check your work!*  
*End of Paper*

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SCHOOL : MAHA BODHI PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

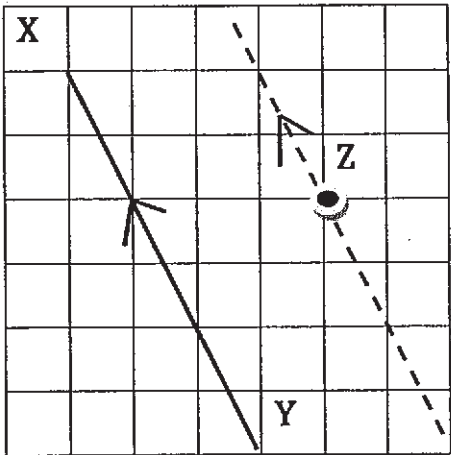
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**BOOKLET A**

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

**BOOKLET B**

|      |                                             |
|------|---------------------------------------------|
| Q16) | nine thousand, three hundred and forty-four |
| Q17) | $5116 + 1082 = 6198$                        |
| Q18) | $9000 - 991 = 8009$                         |
| Q19) | $6 \times 8 = 48$                           |
|      | $751 \div 7 = 107 \text{ R } 2$             |
| Q21) | $\frac{2}{3}$                               |
| Q22) | $\frac{4}{7}$                               |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q23) |  <p>A 7x7 grid. A solid line segment labeled 'X' starts at the top-left corner (row 1, col 1) and goes down to the bottom-right corner (row 7, col 7). A dashed line segment labeled 'Y' starts at the top-right corner (row 1, col 7) and goes down to the bottom-left corner (row 7, col 1). They intersect at the center (row 4, col 4). A point labeled 'Z' is marked with a dot at (row 4, col 5). An arrow points from 'X' towards the center, and another arrow points from 'Y' towards the center. A third arrow points from 'Z' towards the center.</p> |
| Q24) | $406 - 120 = 286$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Q25) | 584                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Q26) | $30 + 35 + 25 = 90$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Q27) | $14 \times 2 = 28$<br>$21 \times 2 = 42$<br>$28 + 42 = 70$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Q28) | $14 + 14 = 28$<br>$68 + 28 = 96$<br>$96 \div 3 = 32 - 14 = 18$ candies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Q29) | $400 \times 2 = \$800$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Q30) | 9.50a.m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Q31) | $234 + 167 = 401$<br>$1674 + 401 = 2075$ stamps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Q32) | $60 + 40 = 100$<br>$100 + 35 = 135$<br>$135 \times 5 = 675\text{m}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Q33) | $785 - 5 = 780$<br>$780 \div 6 = 130\text{ml}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|      |                                                                                                                                                                                                                                                                                                                                                                       |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q34) | <div style="text-align: center;"> <math>\begin{array}{ccccccc} &amp; &amp; 1\text{h} &amp; &amp; 40\text{min} &amp; &amp; 15\text{min} \\ &amp; \text{---} &amp; &amp; \text{---} &amp; &amp; \text{---} &amp; \\ 8.00\text{a.m.} &amp; &amp; &amp; 9.00\text{a.m.} &amp; &amp; 9.40\text{a.m.} &amp; 9.55\text{a.m.} \end{array}</math> </div> <p>ANS : 1h 55min</p> |
| Q35) | <p>a) <math>\\$100.00 - \\$78.30 = \\$21.70</math></p> <p>b) <math>\\$78.30 - \\$35.60 = \\$42.70</math></p>                                                                                                                                                                                                                                                          |
| Q36) | <p>a) <math>\\$6 \times 9 = \\$54</math></p> <p>b) <math>6 \div 3 = 2</math></p> <p style="padding-left: 40px;"><math>24 \div 2 = 12</math></p>                                                                                                                                                                                                                       |