RED SWASTIKA SA2

Questions 1 to 20 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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(40 marks)

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1 The value of the digit 3 in 43 589 _____.

(1) 30
(2) 300
(3) 3000
(4) 30 000

2 22 758 rounded to the nearest hundred is _____.

(1) 22 700
(2) 22 760
(3) 22 800
(4) 23 000

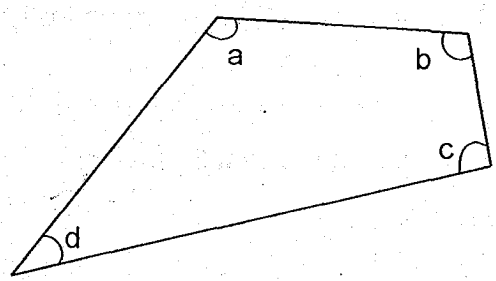
3 How many one-sixths are there in 2 wholes?

(1) $\frac{1}{3}$
(2) 6
(3) 3
(4) 12

4 $\frac{1}{3} + \frac{1}{6} =$ _____

(1) $\frac{1}{2}$
(2) $\frac{2}{3}$
(3) $\frac{2}{9}$
(4) $\frac{1}{18}$

5 In the figure below, which angle is smaller than a right angle?



(1) ∠a
(2) ∠b
(3) ∠c
(4) ∠d

6 In the number 56.21, the digit _____ is in the tenths place.

(1) 1
(2) 2
(3) 5
(4) 6

7 Which of the following is a multiple of 8?

(1) 32
(2) 26
(3) 18
(4) 4

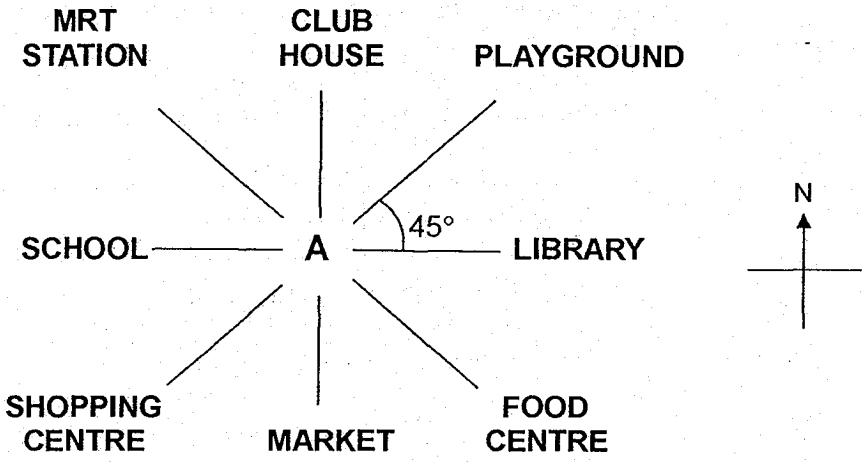
8 Jeremy began his Mathematics lesson at 19 45. He finished the lesson at 20 20. How long was his lesson?

(1) 35 min
(2) 55 min
(3) 75 min
(4) 85 min

9 Andrew had some mangoes. He bought another 85 mangoes. He then packed all the mangoes into 14 bags. There were exactly 16 mangoes in each bag. How many mangoes did Andrew have at first?

(1) 115
(2) 139
(3) 224
(4) 309

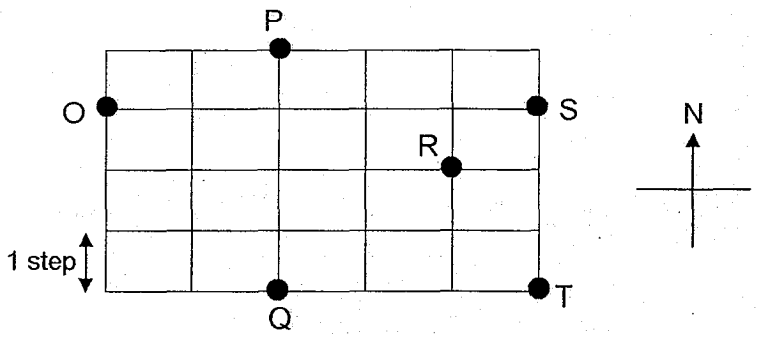
Use the following diagram to answer Question 10.



10 Brandon is standing at the point marked A in the diagram above. He is facing the school. What will he face when he turns 135° clockwise?

(1) Library
(2) Playground
(3) Food Centre
(4) Club House

Study the map below carefully and use it to answer Question 11.

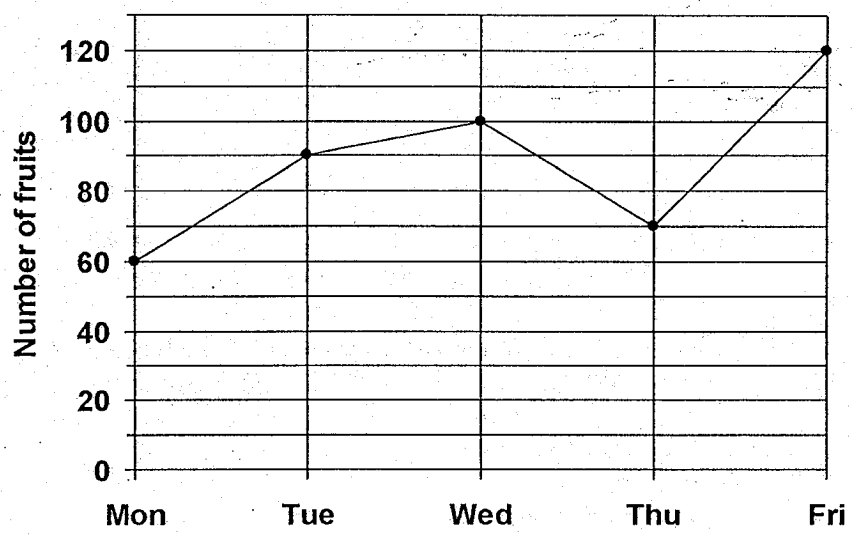


11 After taking 2 steps to the West, 4 steps to the North and finally one step to the West, Hui Yu ended up at point P. Which point did she start from?

(1) Q
(2) R
(3) S
(4) T

The line graph below shows the number of fruits sold from Monday to Friday.

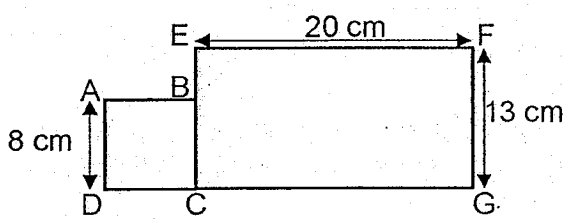
Use the information in the graph to answer Question 12.



12 How many more fruits were sold on Friday than Thursday?

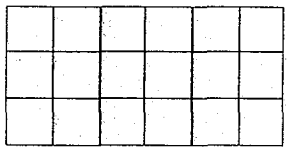
(1) 40
(2) 50
(3) 60
(4) 70

13 The figure below is made up of Square ABCD and Rectangle EFGC. Find the length of DG.



(1) 5 cm
(2) 8 cm
(3) 20 cm
(4) 28 cm

14 The rectangle below is not drawn to scale. It is made up of small identical squares. The perimeter of each small square is 12 cm. What is the area of the rectangle?



(1) 54 cm^2
(2) 108 cm^2
(3) 162 cm^2
(4) 216 cm^2

15 The area of a rectangle is 144 cm^2. Its breadth is 9 cm. What is its perimeter?

(1) 16 cm
(2) 25 cm
(3) 3 cm
(4) 50 cm

16 $0.06 \times 4 = \square \times 2$

What is the missing number in the box?

(1) 1.2
(2) 2.4
(3) 0.12
(4) 0.24

17 Juliet wants to buy 7 similar dolls. However, she needs another $11.40 in order to buy all 7. She then decides to buy 3 dolls instead and has $20.20 left after that. What is the cost of each doll?

(1) $0.88
(2) $3.16
(3) $7.90
(4) $8.80

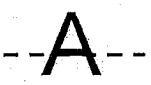
18 Elyn is allowed to play games on the computer for 50 minutes after she has completed her homework. If she started playing at 7.55 p.m., what time did she have to stop?

(1) 7.05 p.m.
(2) 8.45 a.m.
(3) 8.05 p.m.
(4) 8.45 p.m.

19 Minah has a collection of coins. When she puts them in stacks of threes or fours, she has 2 coins left over each time. When she puts them in stacks of twos, she has no coin left over. What is the smallest number of coins that Minah has?

(1) 12
(2) 14
(3) 24
(4) 26

20 In which of the letters shown below, is the dotted line, a line of symmetry?

(1) 

(2) 

(3) 

(4) 

Questions 21 to 30 carry 1 mark each. Questions 31 to 40 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.

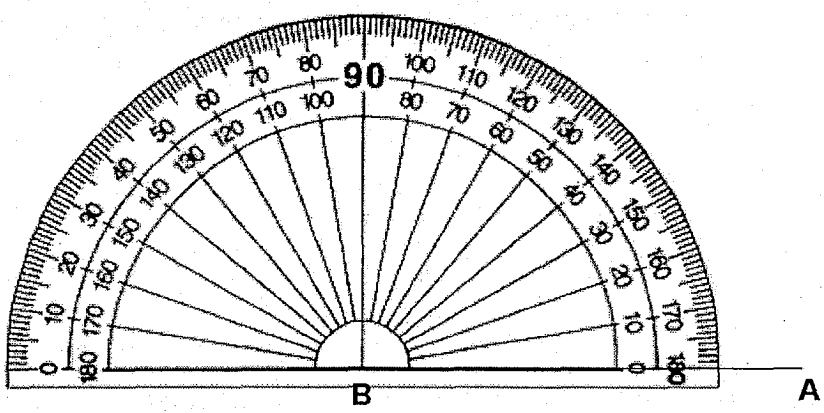
(30 marks)

21 What is the missing number in the blank?

$5537 \div 7 = 91 + \_\_\_\_\_$

Ans: _____

22 Use the given protractor and complete the drawing of $\angle ABC = 25°$.



23 The diagram shows the opening hours of a clinic.

Opening hours
0845 to 1230
1400 to 1600
1830 to 2130

How many hours and minutes is the clinic open each day?

Ans: _____ h _____ min

3

The table below shows the number of siblings that students of Primary 4D have. Use the table below to answer Questions 24 and 25.

Number of siblings	**0**	**1**	**2**	**3**	**4**
Number of students	**6**	**11**	**7**	**4**	**2**

24 How many students have more than 2 siblings?

Ans: _____

---

25 How many students are there in Primary 4D?

Ans: _____

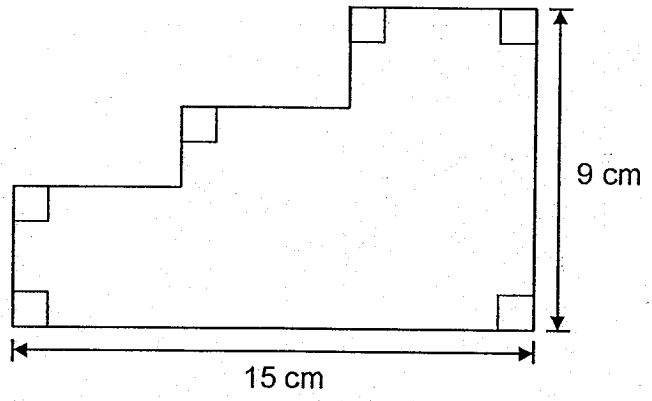
---

26 The length of a rectangle is 13 cm. Its breadth is 4 cm shorter. Find its area.

Ans: _____ cm^2

3

27 The figure below is not drawn to scale. Find the perimeter of the figure.



Ans: _____ cm

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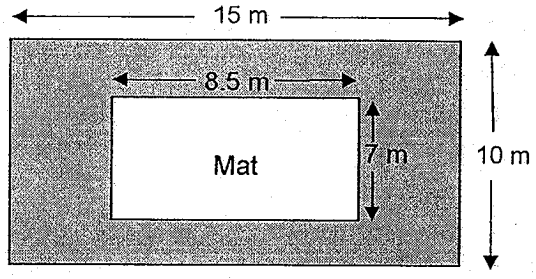
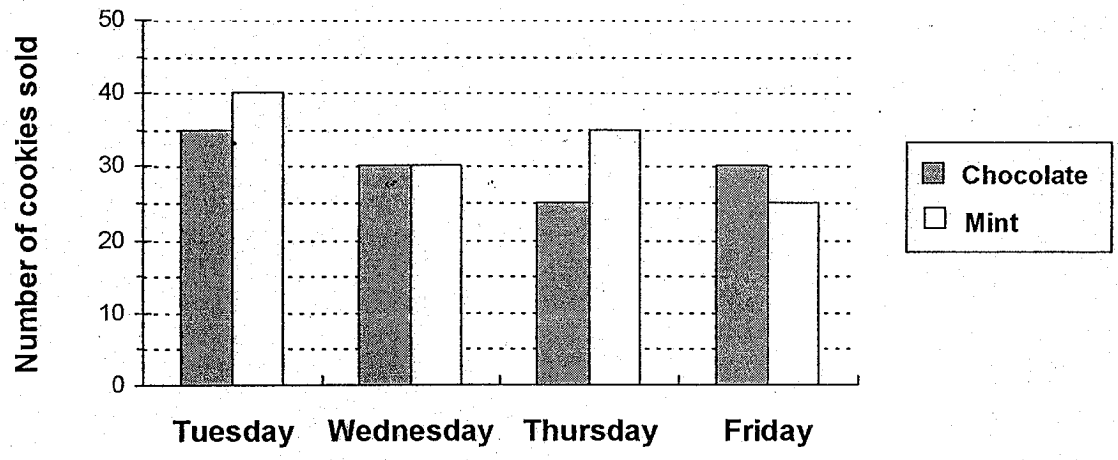
28 The floor of Peter's bedroom measures 15 m by 10 m. Peter placed a piece of mat on the floor. The piece of mat measures 8.5 m by 7 m. What is the area of the floor **not** covered by the piece of mat?



Ans: _____ m^2

2

The bar graph below shows the number of chocolate and mint cookies Mrs Lee sold from Tuesday to Friday. Study the graph carefully and answer Questions 29 and 30.



29 On which day did Mrs Lee sell the least number of chocolate and mint cookies?

Ans: _____

---

30 How many more mint cookies than chocolate cookies were sold for the four days?

Ans: _____

---

31 Write twelve thousand, four hundred and ten in figures.

Ans: _____

4

32 What is the remainder when 1036 is divided by 8?

Ans: _____

---

33 Some factors of 24 are 1, 2, 4, 8, 12 and 24. What are the other two factors of 24?

Ans: _____ and _____

---

34 Write $2\frac{2}{3}$ as an improper fraction.

Ans: _____

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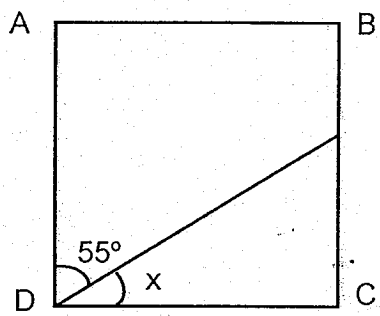
35 Find the value of $1 - \frac{2}{9} - \frac{1}{3}$.

Ans: _____

8

36 ABCD is a square. Find $\angle x$.



Ans: _____ °

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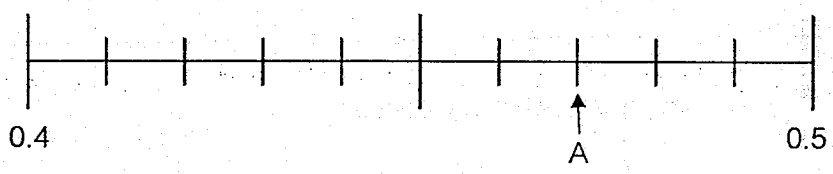
37 Write the decimal represented by A.



Ans: _____

---

38 Express $\frac{89}{100}$ as a decimal.

Ans: _____

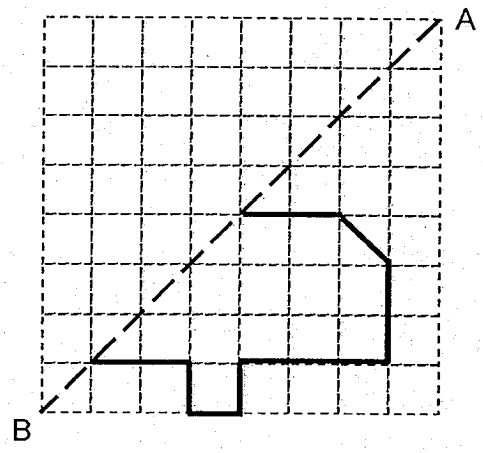
---

39 Find the value of 4.63 x 7.

Ans: _____

8

40 Complete the figure using Line AB as the line of symmetry.



2

Questions 41 to 48 carry 3 or 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided.
(30 marks)

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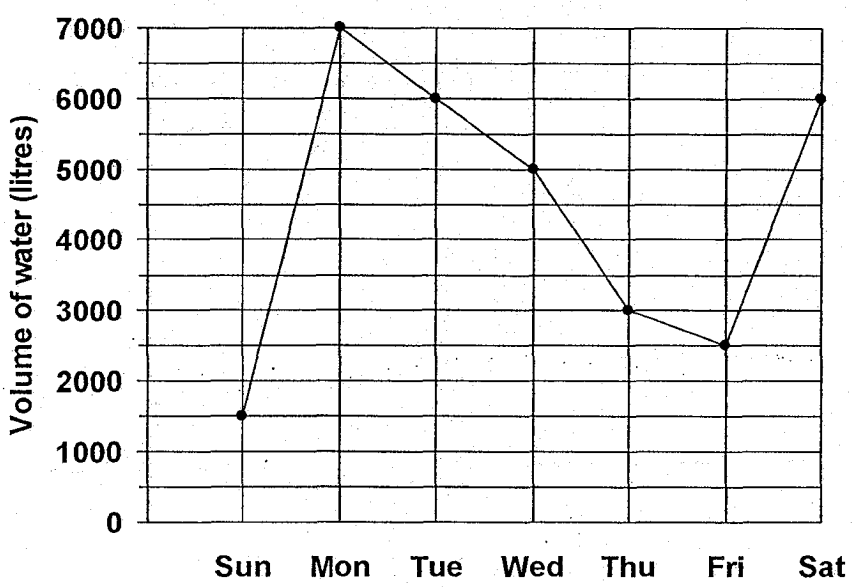
41 The line graph below shows the amount of water used by the residents of Floral Condominium for 7 days.



(a) How much water was used by the residents from Sunday to Tuesday?

(b) On which day(s) did the residents use twice the amount of water as they did on Thursday?

Ans: (a) _____ [2]

(b) _____ and _____ [2]

4

42 $\frac{1}{4}$ of John's money is equal to $\frac{1}{5}$ of Samy's money.
The difference in their amount of money is $125.
What is the total amount of money they have?

Ans: _____ [3]

---

43 There is a total of 40.5 litres of water in 2 buckets and 3 pails. Two buckets and five pails contain 48.8 litres of water. How many litres of water are there in two buckets?

Ans: _____ [4]

7

44 Pole A is four times as long as pole B.
Pole B is 0.18 m longer than pole C.
The total length of the three poles is 3.3 m. What is the length of pole C?

Ans: _____ [4]

---

45 Jasmine spent $\frac{3}{8}$ of her money on clothes and toys and gave the remaining $600 to her father. Her toys cost $155. How much did she spend on clothes?

Ans: _____ [4]

8

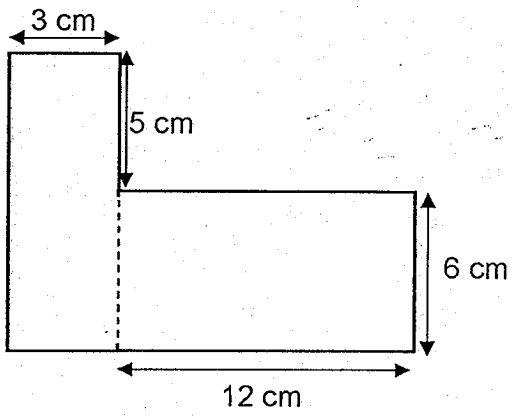
46 John had $200 more than Cheryl. After Cheryl spent $70, John had four times as much money as what Cheryl had left. How much did John have?

Ans: _____ [4]

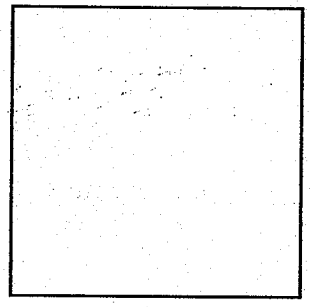
4

47 The perimeter of Figure A and Square B are the same.

Figure A



Square B



(a) What is the perimeter of Square B?

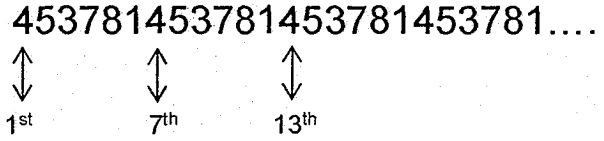
(b) What is the area of Square B?

Ans: (a) _____ [1]

(b) _____ [2]

3

48 Fadi repeatedly writes a set of digits a few times as shown below.



He then assigns a position number to each digit. Three of these position numbers are as shown above.

(a) Which digit is at the 50^{th} position?

(b) Find the sum of all the digits from the 1^{st} position to the 25^{th} position.

Ans: (a)_____ [2]

(b)_____ [2]

End of Paper

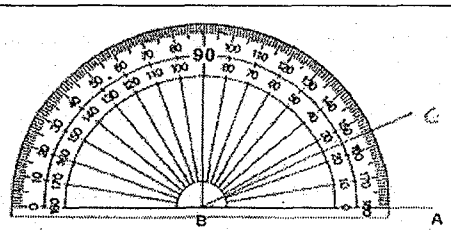
4

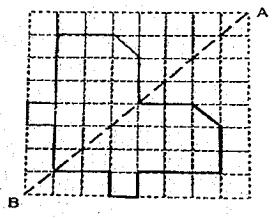
SCHOOL : RED SWASTIKA SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2018 SA2

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	1	4	1	4	2	1	1	2	2
Q 11	Q12	Q13	Q14	Q15	Q 16	Q17	Q18	Q19	Q20
4	2	4	3	1	3	3	4	2	2

BOOKLET B

Q21)	700
Q22)	
Q23)	8 hr 45 min
Q24)	6
Q25)	30
Q26)	9x13=117cm^2
Q27)	48cm
Q28)	8.5 m x 7 m = 59.5m^2
Q29)	Friday
Q30)	10
Q31)	12 410
Q32)	1036 ÷ 8 = 129 R 4 **(Ans : 4)**
Q33)	3 and 6
Q34)	8/3

Q35)	4/9
Q36)	35
Q37)	0.47
Q38)	0.89
Q39)	32.41
Q40)	
Q41)	a) 14500 b) Tuesday and Saturday
Q42)	\$125 x 40 = \$5000
Q43)	2p → 8.3 1p → 4.15 3p → 4.15 x 3 = 12.45 2b → 40.5 - 12.45 = 28.05 litre
Q44)	6u → 3.3 + 0.18 = 3.48 1u → 0.58 Length of C → 0.58 m - 0.18 m = **0.40 m**
Q45)	5u → \$600 1u → \$120 3u → \$360 Clothes → \$360 - \$155 = **\$205**
Q46)	3u → \$200 + \$70 = \$270 John → **\$360**
Q47)	a) Peri → (12+3) x 2 + (5+6) x 2 = **52 cm** b) Length → 52 ÷ 4 = 13 Area → 13 cm x 13 cm = **169 cm^2**
Q48)	a) No. of groups → 50 ÷ 6 = 8 R 2 (Remainder 2 → digit 5) **Answer: 5** b) No. of groups→ 25 ÷ 6 = 4 R 1 (Last digit is 4) Total→ (4 + 5 + 3 + 7 + 8 + 1) x 4 + 4 = **116**