DSIM / CK / MS / ME / AT

SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2019

PRIMARY 3

MATHEMATICS

BOOKLET A

Name : _____ ( ) 18 October 2019

Class : Primary 3 SY / C / G / SE / P

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

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

1. In 6082, the digit 0 is in the _____ place.

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

2. 7801 = 7000 + _____ + 1

   (1) 8000
   (2) 800
   (3) 80
   (4) 8

3. 3 kg 60 g = _____ g

   (1) 306
   (2) 360
   (3) 3060
   (4) 3600

4. 4 ☐ 8 = 32

   (1) +
   (2) −
   (3) ÷
   (4) ×

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5. What is the missing numerator?

$$\frac{3}{4} = \frac{\square}{16}$$

(1) 15
(2) 12
(3) 7
(4) 4

6. What time is 40 minutes before 12.15 p.m.?

(1) 11.35 a.m.
(2) 11.35 p.m.
(3) 12.55 a.m.
(4) 12.55 p.m.

7. Fill in the blank with the correct number in the number pattern below.

6190, 6130, 6070, _____, 5950, 5890

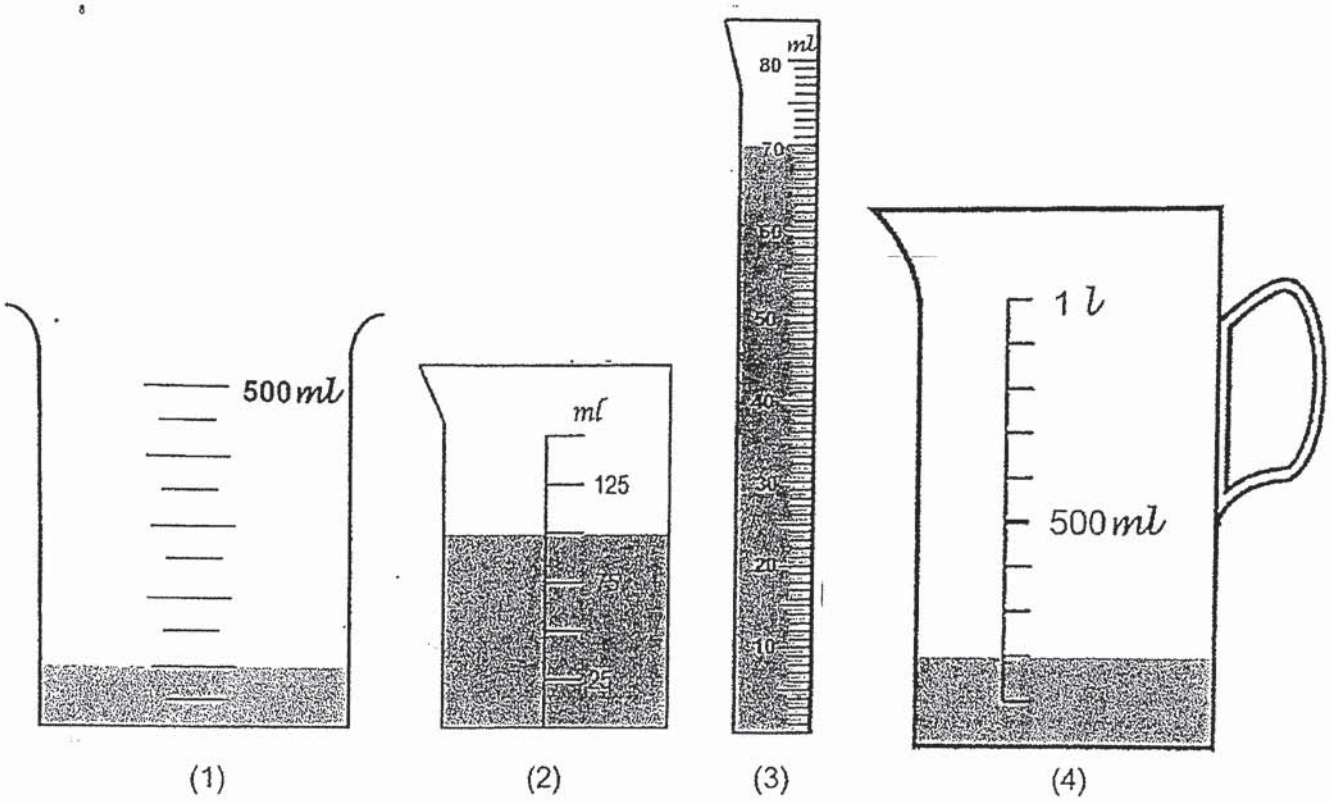
(1) 5830
(2) 5900
(3) 6010
(4) 6030

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

(1) $\frac{1}{4}$
(2) $\frac{2}{3}$
(3) $\frac{4}{6}$
(4) $\frac{16}{24}$

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9. Which container has the most amount of water?



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

10. Marion baked a cake. She ate $\frac{1}{8}$ of the cake and gave $\frac{2}{8}$ to her sister.

What fraction of the cake was left?

(1) $\frac{3}{8}$

(2) $\frac{5}{8}$

(3) $\frac{6}{8}$

(4) $\frac{7}{8}$

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11. A dress costs \$86.30. A bag costs \$47.95. How much more does the dress cost than the bag?

(1) \$38.35

(2) \$39.65

(3) \$41.65

(4) \$134.25

12. A lift can hold a maximum mass of 500 kg. Seven adults with a total mass of 410 kg are already in the lift. The 4 children in the table below are waiting for the lift. When the lift door opens, which 2 of the 4 children in the table below would be able to ride in the lift with them?

Belle	41 kg
Jac	50 kg
Mariam	49 kg
Siti	55 kg

(1) Belle and Mariam

(2) Mariam and Siti

(3) Jac and Belle

(4) Siti and Jac

13. Which of the following fractions is smaller than $\frac{1}{2}$?

(1) $\frac{3}{4}$

(2) $\frac{2}{5}$

(3) $\frac{7}{10}$

(4) $\frac{4}{7}$

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14. Mrs Kong mixed 70 $m\ell$ of cherry syrup with 560 $m\ell$ of water to make some cherry juice. She poured the cherry juice equally into 7 bottles. How much cherry juice was there in each bottle?

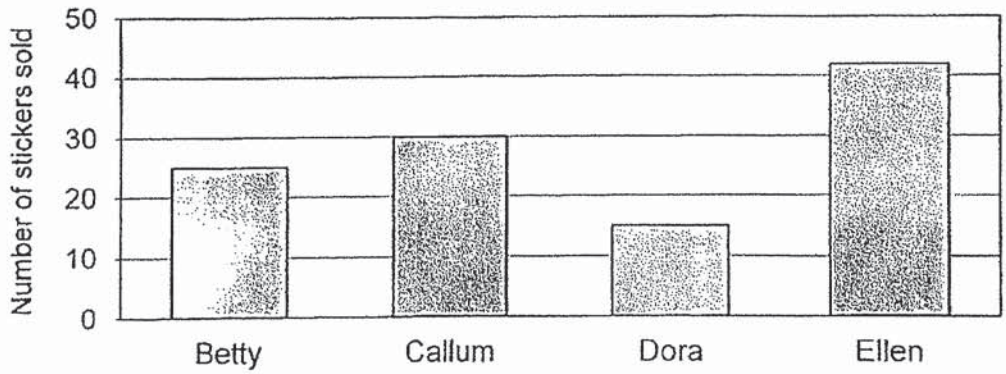
(1) 10 $m\ell$

(2) 70 $m\ell$

(3) 80 $m\ell$

(4) 90 $m\ell$

15. Each team leader was given 50 stickers to sell. The bar graph below shows the number of stickers sold by four team leaders.



Who had the most number of stickers **left unsold**?

(1) Betty

(2) Callum

(3) Dora

(4) Ellen

End of Booklet A

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SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2019

PRIMARY 3

MATHEMATICS

BOOKLET B

Name : _____ ( )

Class : Primary 3 SY / C / G / SE / P

18 October 2019

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		30
	Section C		20
Total			80

Parent's Signature

There are 21 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

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ANSWER ALL QUESTIONS.

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Section B: (30 marks)

Questions 16 to 30 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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16. Write in numerals.

Three thousand and twelve

Ans: _____

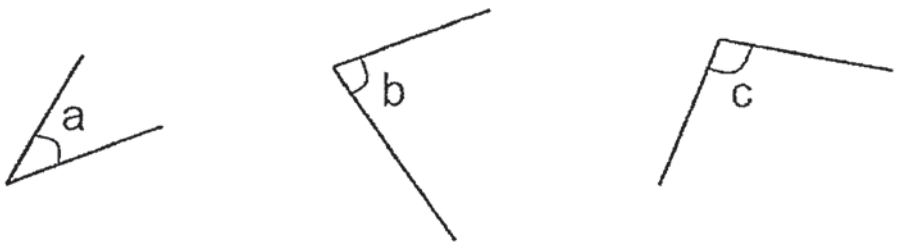
17. Find the product of 460 and 8.

Ans: _____

18. A number when divided by 5 gives a quotient of 38 with a remainder of 3. What is the number?

Ans: _____

19. Which angle is greater than a right angle?



Ans: Angle _____

8

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20. Divide 820 by 6.

Ans: _____

21. A movie ended at 4.30 p.m. and the duration of the movie was 1 hour and 45 minutes. What time did the movie start?

Ans: _____ p.m.

22. What is the missing number?

$12 \times 8 = 10 \times 8 + \square \times 8$

Ans: _____

6

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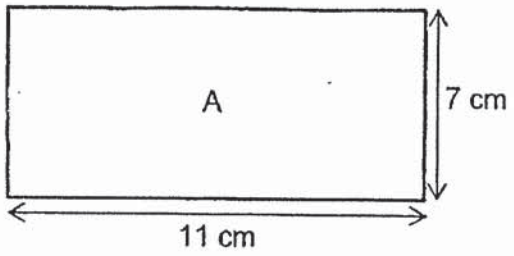
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23. The total length of two ropes X and Y is 5 m long. If rope X is 80 cm longer than rope Y, what is the length of rope Y?

Ans: _____. cm

---

24. Find the area of the rectangle.



Ans: _____ cm^2

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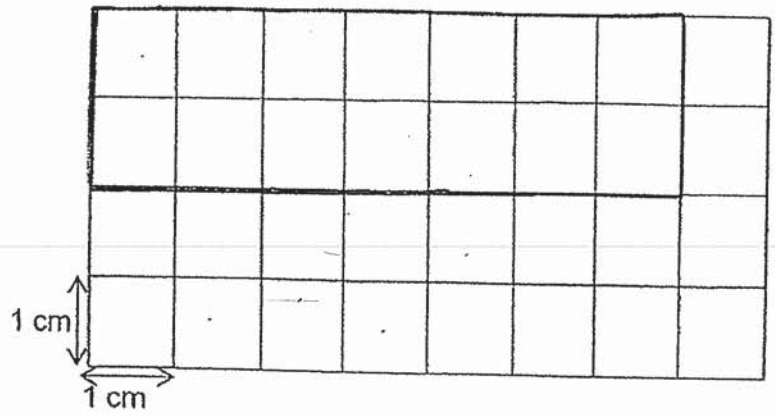
25. Tammy had 8 ten-dollar notes. After buying a backpack, she had $3.50 left. How much did she spend on the backpack?

Ans: $ _____

6

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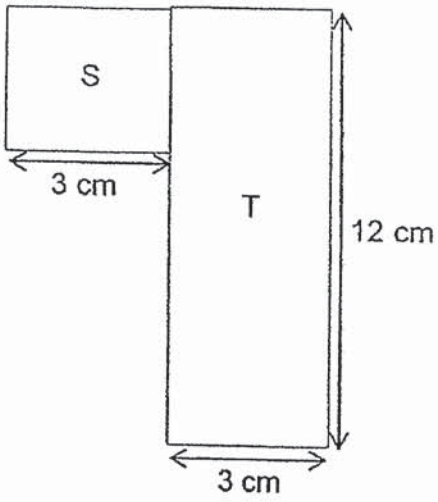
26. Draw a rectangle with an area of 14 cm².



27. A jug contained 1 litre of water. Mr Ling poured some of it equally into 7 cups and had 160 mℓ left. How much water was there in 1 cup?

Ans: _____ mℓ

28. The figure below is made up of a square S and a rectangle T.
What is the perimeter of the figure?



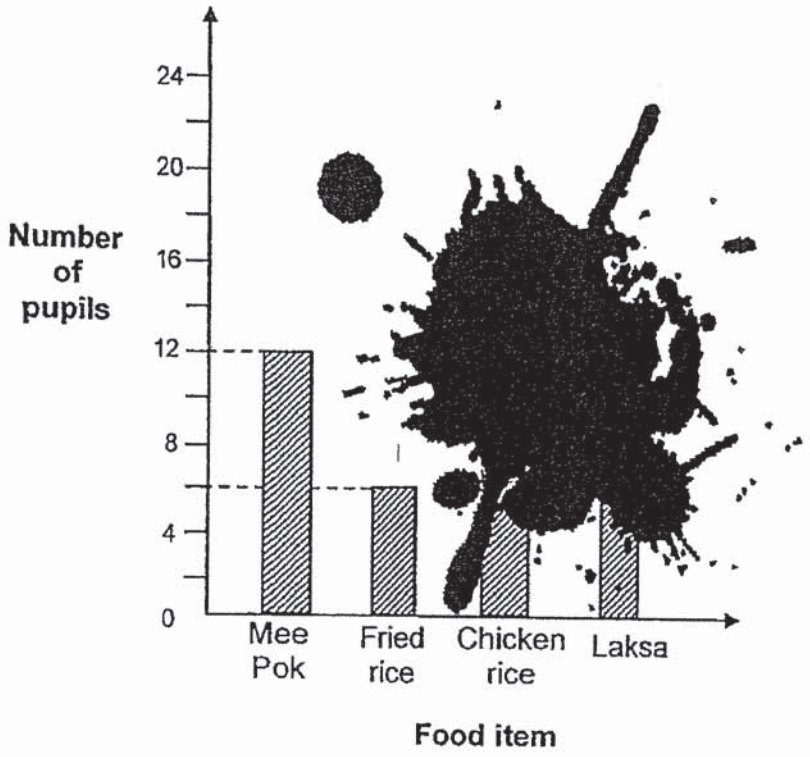
Ans: _____ cm

6

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29. A class of 42 pupils were asked what their favourite food was. The results are shown in the graph below. However, ink spilled and covered the results for laksa and chicken rice. Miss Ho remembered there were equal number of students who like chicken rice and laksa. How many students like laksa?

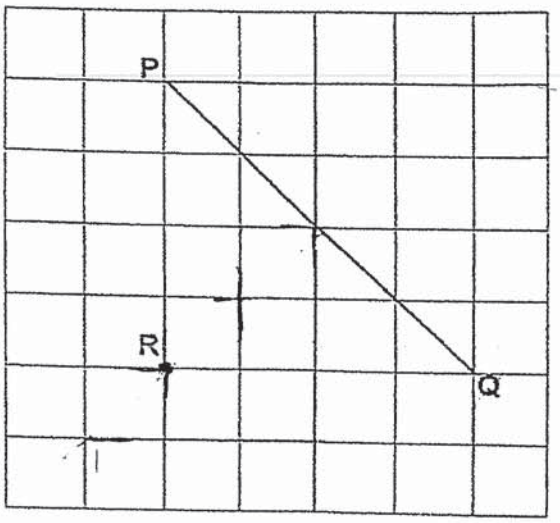


Ans: _____

2

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30. Draw a line perpendicular line to PQ, passing through Point R.



2

End of Section B

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In this colum

Section C: (20 marks)

Questions 31 to 34 carry 3 marks each. Questions 35 to 36 carry 4 marks each
Show your working clearly and write your answers in the spaces provided.

31. Molly had 80 bookmarks.
Kelly had 128 more bookmarks than Molly.
How many bookmarks did they have altogether?

Ans: _____ [3m]

32. Gemma bought 260 eggs. She found that 36 eggs were broken. She put the good eggs equally into 8 baskets.
(a) How many good eggs were there?
(b) How many good eggs were there in each basket?

Ans: a) _____ [1m]
b) _____ [2m]

6

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33. David sold 40 cups at $5 each and James sold twice the number of cups at $3 each.

(a) Who collected more money?

(b) What is the difference in the amount of money collected?

Ans: a) _____ [1m]

b) _____ [2m]

3

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34. Roy, Mark and John shared 164 marbles.

Mark had 20 marbles more than John and 34 marbles fewer than Roy.

(a) Who had the most number of marbles?

(b) How many marbles did Mark have?

Ans : a) 0 [1m]

b) _____ [3m]

4

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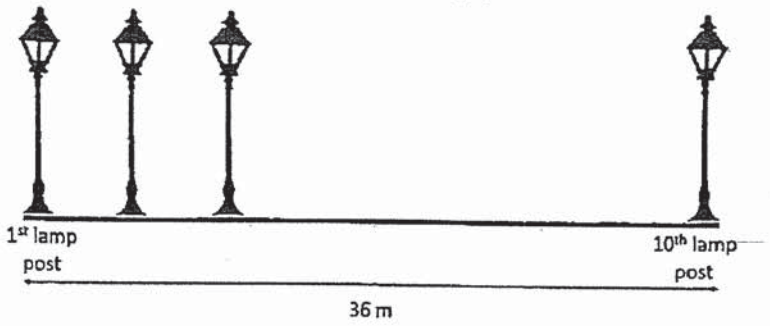
35. In a double-decked ferry, there are 40 more passengers in the lower deck than in the upper deck. 15 passengers in the lower deck move up to the upper deck. How many more passengers are in the lower deck than the upper deck now?

Ans: _____ [3m]

3

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36. There were some lamp posts marked along a path at equal distance apart.
The distance between the 1st and the 10th lamp posts was 36 m.
If the path was 124 m long, how many lamp posts were marked along it?



Do not write In this colum

Ans: _____ [4m]

4

END OF PAPER

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LEVEL : PRIMARY
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

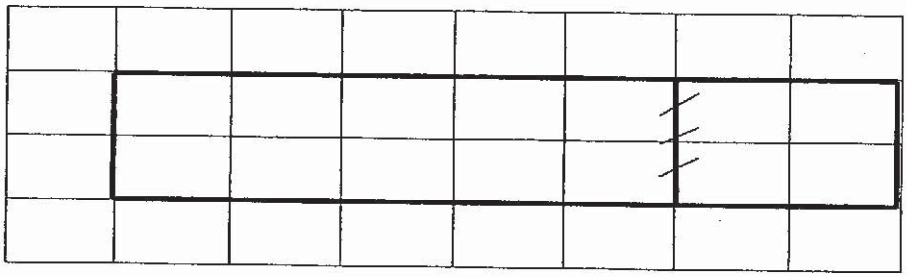
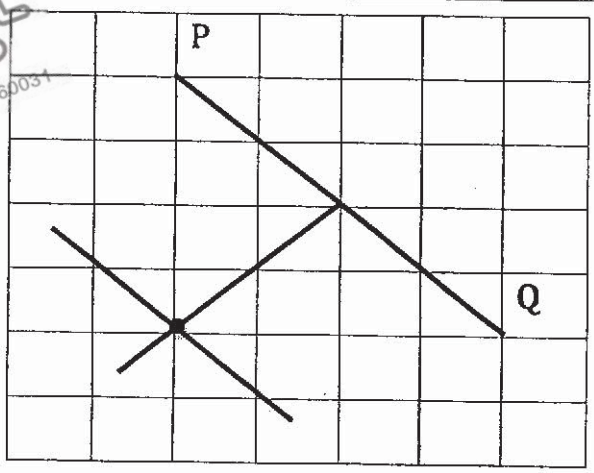
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	4	2	1	3	2	4	2
Q11	Q12	Q13	Q14	Q15					
1	1	2	4	3					

BOOKLET B

Q16)	3012
Q17)	460 x 8 = 3680
Q18)	38 x 5 = 190 190 + 3 = 193
Q19)	C
Q20)	820 ÷ 6 = 136 R4
Q21)	2.45 p.m → 3.30 p.m = 45 min 3.30 p.m → 4.30 p.m = 1h Ans : 2.45 p.m
Q22)	12 x 8 = 96 10 x 8 = 80 96 – 80 = 16 16 ÷ 8 = 2
Q23)	5m = 500cm 500 – 80 = 420

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	$420 \div 2 = 210\text{cm}$
Q24)	$11 \times 7 = 77\text{cm}^2$
Q25)	$10 \times 8 = 80$ $80 - 3.50 = \$76.50$
Q26)	
Q27)	$1\text{L} = 1000\text{ ml}$ $1000 - 160 = 840$ $840 \div 7 = 120$
Q28)	$12 - 3 = 9$ $\text{Perimeter} = 12 + 12 + 3 + 3 + 3 + 3$ $= 36\text{ cm}^2$
Q29)	$12 + 6 = 8$ $42 - 18 = 24$ $24 \div 2 = 12$
Q30)	

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Q31)	80 x 2 = 160 160 + 128 = 288
Q32)	260 – 36 = 224 224 ÷ 8 =28
Q33)	a)James b)40 x 5 = 200 40 x 2 = 80 80 x 3 = 240 240 – 200 =$ 40
Q34)	a)Roy b)n + (n- 20) + (n + 34) = 164 3n + 14 = 164 3n = 150 1n = 50
Q35)	15 x 2 = 30 40 – 30 = 10
Q36)	10 – 1 = 9 36 ÷ 9 = 4 124 ÷ 4 = 31 31 + 1 = 32

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