

ME / JY / KO / LYL

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET A

3 May 2018

Name : _____ ()

Parent's Signature

Class : Primary 4 SY/C/G/SE/P

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

This question paper consists of 5 printed pages. (Inclusive of cover page)

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 551

LECTURE 1

1.1

1.2

1.3

1.4

1.5

1.6

1.7

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 76 235, the digit 7 has the value of _____.

- (1) 70
- (2) 700
- (3) 7000
- (4) 70 000

2. Which one of the following is the same as 2500?

- (1) 25 ones
- (2) 25 tens
- (3) 25 hundreds
- (4) 25 thousands

3. What is 1000 less than 80 008?

- (1) 79 008
- (2) 79 108
- (3) 80 108
- (4) 81 008

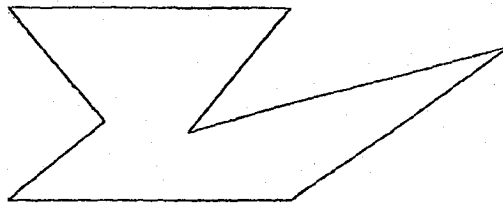
4. Round off 39 490 to the nearest thousand.

- (1) 39 000
- (2) 39 500
- (3) 40 000
- (4) 40 500

5. Which of the following is a common multiple of both 8 and 9?

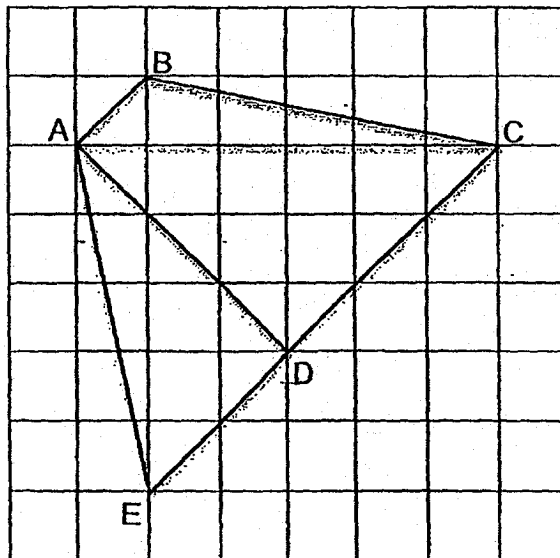
- (1) 18
- (2) 56
- (3) 64
- (4) 72

6. How many angles inside the figure shown below are greater than a right angle?



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

7. In the figure below, which of the following lines is parallel to AB?



- (1) AD
- (2) AE
- (3) BC
- (4) ED

8. Which one of the letters has no lines of symmetry?

L

(1)

O

(2)

V

(3)

E

(4)

9. I am an odd number.
I am a multiple of 3 and a factor of 30.
I am greater than 10.
What number am I?

(1) 9

(2) 15

(3) 21

(4) 27

10. Lily spent $\frac{1}{5}$ of her savings on a bag. She also bought a pair of shoes for \$35 and had \$65 left. How much savings did she have at first?

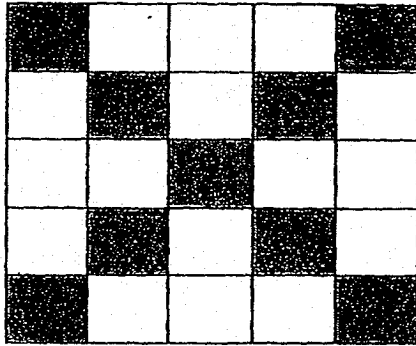
(1) \$100

(2) \$120

(3) \$125

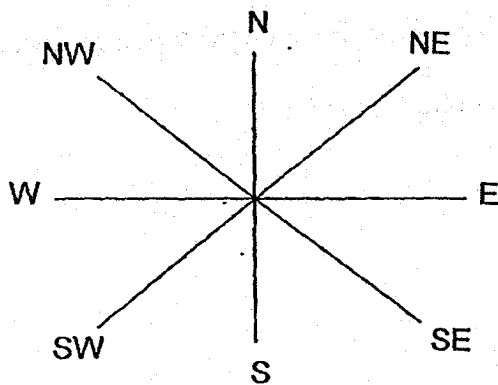
(4) \$500

11. How many more squares must be shaded so that $\frac{3}{5}$ of the figure is shaded?



- (1) 6
- (2) 9
- (3) 10
- (4) 15

12. Look at the 8-point compass below.



When Amy turned 225° in an anti-clockwise direction, she would face West. Where was she facing at first?

- (1) NE
- (2) SE
- (3) E
- (4) S

13. Jane baked 96 cupcakes. She sold $\frac{5}{8}$ of the cupcakes. How many cupcakes were not sold?

- (1) 12
- (2) 24
- (3) 36
- (4) 60

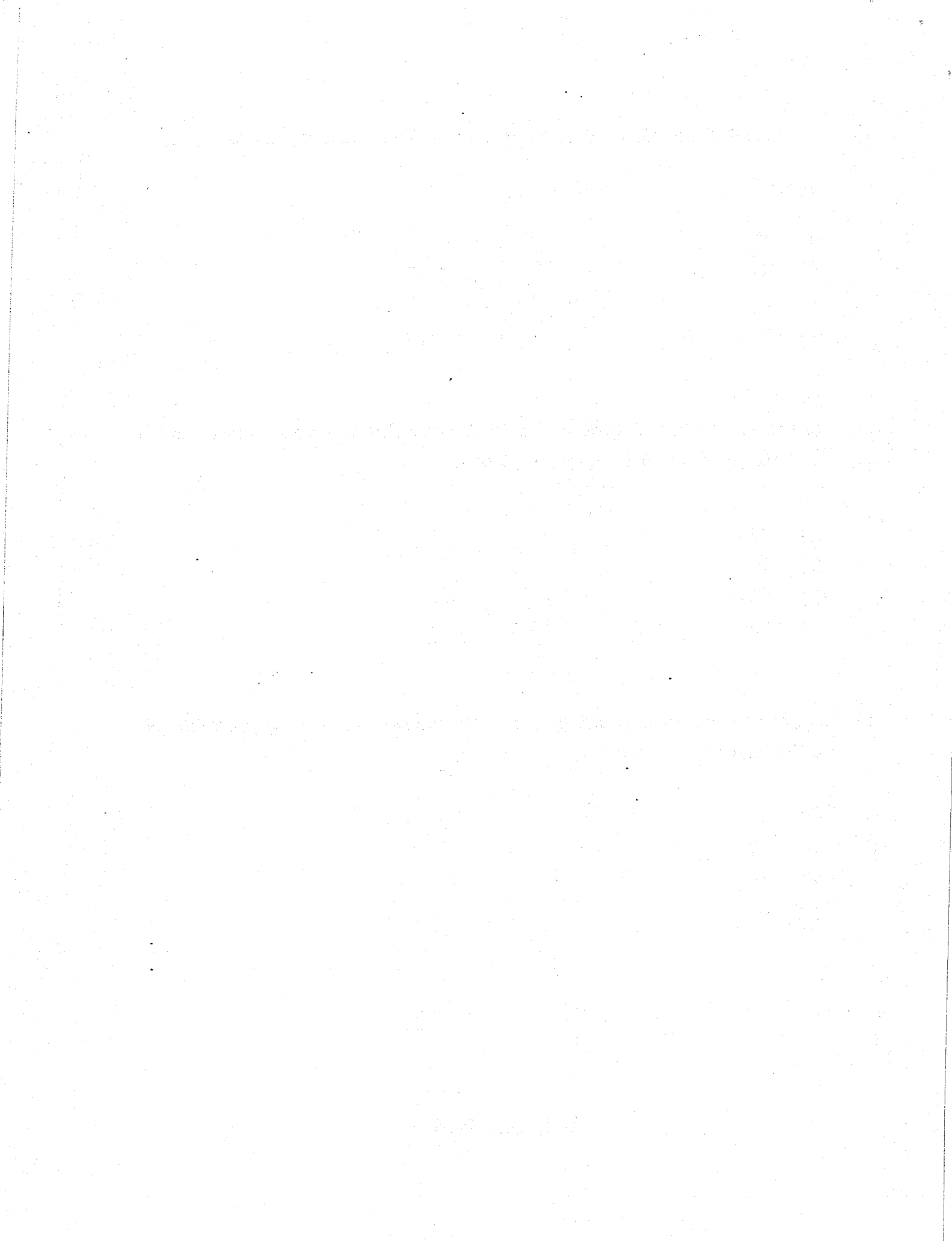
14. Father paid \$240 for 3 shirts and a jacket. The jacket cost twice as much as the shirt. How much did Father pay for the jacket?

- (1) \$48
- (2) \$60
- (3) \$80
- (4) \$96

15. Kayla is 16 years old. Mona is 4 years older than her. In how many years' time will their total age be 70 years?

- (1) 17
- (2) 20
- (3) 34
- (4) 36

End of Booklet A



ME / JY / KO / LYL

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 4

MATHEMATICS

BOOKLET B

Name : _____ ()

Class : Primary 4

3 May 2018

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		40
	Section C		30
Total			100

Parent's Signature

There are 28 questions in this booklet.
SECTION B and C

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

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This question paper consists of 15 printed pages. (Inclusive of cover page)

Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write
in this column

16. Write 20 711 in words.

17. Look at the number pattern below and fill in the missing number.

26 300	,	26 450	,	26 600,	___ ? ___	,	26 900
--------	---	--------	---	---------	-----------	---	--------

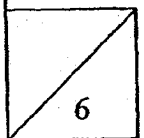
Ans : _____

18. Here are five number cards.

4	5	2	8	1
---	---	---	---	---

Arrange these cards to form the smallest 5-digit odd number.

Ans : _____



19. List all the factors of 16.

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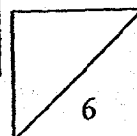
Ans : _____

20. $345 \times 68 =$

Ans : _____

21. What is the remainder when 4385 is divided by 3?

Ans : _____



22. $\frac{3}{4} + \frac{1}{8} + \frac{1}{8} = \square$

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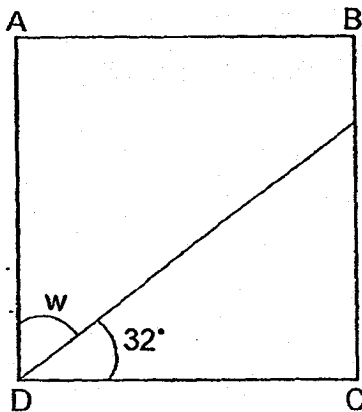
Ans : _____

23. Arrange the following in increasing order.

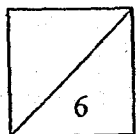
$1, \frac{5}{4}, \frac{5}{6}, \frac{2}{3}$

Ans : _____
(smallest)

24. ABCD is a square. Find $\angle w$.

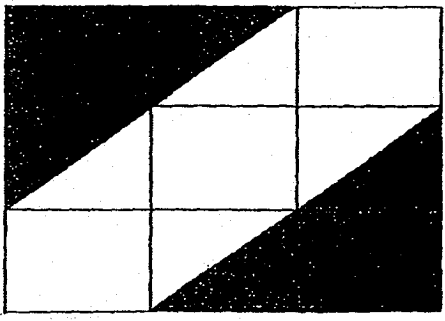


Ans : _____



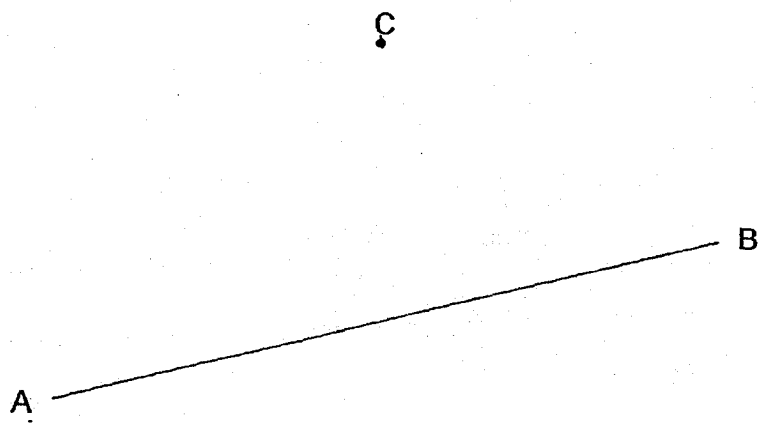
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in this column

25. What fraction of the figure below is shaded?

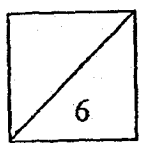
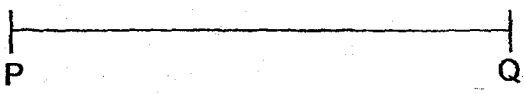


Ans : _____

26. Draw a line perpendicular to AB passing through point C.

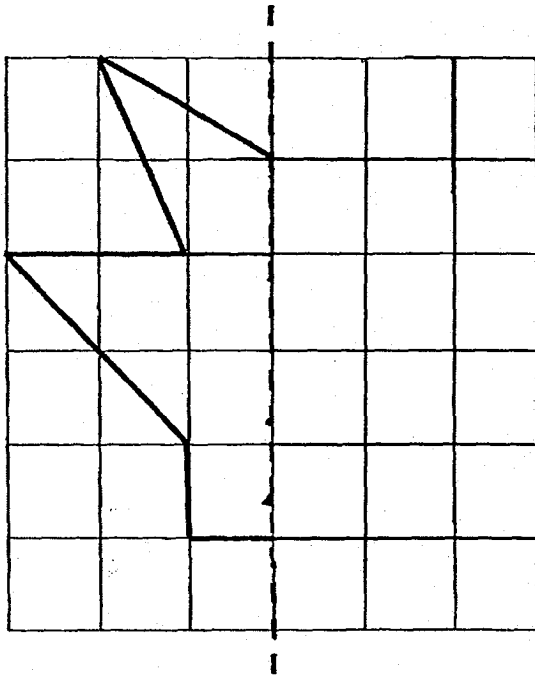


27. Draw and label an angle such that $\angle PQR$ is equal to 130° .

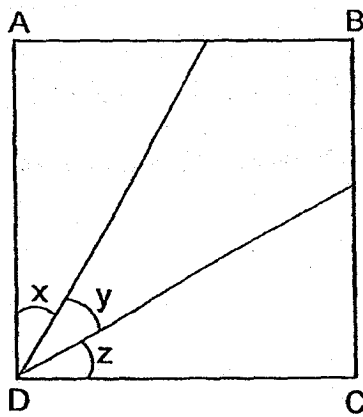


28. Complete the figure below using the dotted line as the line of symmetry.

Do not write
in this column



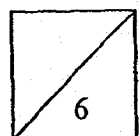
29. ABCD is a square. $\angle x = \angle y = \angle z$. Find $\angle x$.



Ans : _____°

30. If $\frac{4}{7}$ of a number is 20, what is the number?

Ans : _____



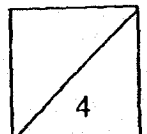
31. Julie has \$108. If she spends $\frac{1}{9}$ of her money, the amount of money left will be the same as what Huiling has. How much does Huiling have?

Do not write
in this column

Ans : \$ _____

32. The number of English story books in the school library is 3 times the number of Chinese story books. There are 1221 English story books. How many more English story books than Chinese story books are there?

Ans : _____



33. Julia, Siti and Betty had 330 beads altogether. Julia had twice as many beads as Betty. Siti had 50 beads more than Betty.
How many beads did Betty have?


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in this column

Ans : _____

34.

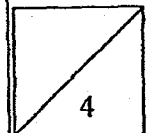
Chocolate Empire

\$4 each
**BUY 3 get
1 FREE!!**



Isabel needs to buy 20 chocolate bars as gifts. How much does she have to pay if she gets them from Chocolate Empire?

Ans : \$ _____

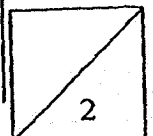


35. Wendy and Joanne have a total of 90 stamps. Wendy has 5 times as many stamps as Joanne. How many stamps must Wendy give to Joanne so that each of them has an equal number of stamps?

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Ans : _____

END OF SECTION B

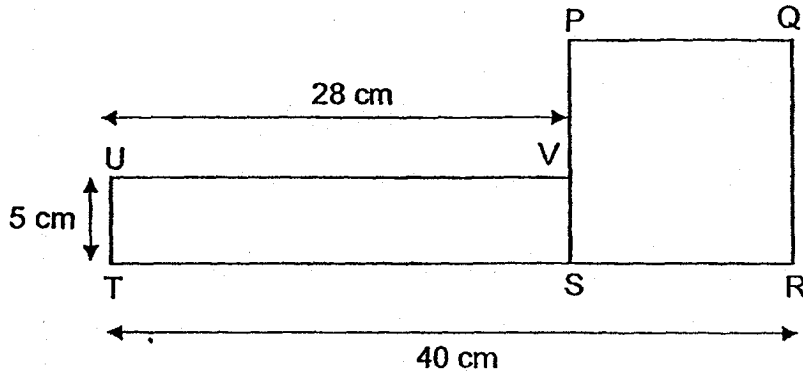


Section C: (30 marks)

For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

Do not write
in this column

36. In the figure below, PQRS is a square and UVST is a rectangle.



- a) Find QR.
- b) Find PV.

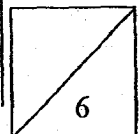
Ans: a) _____ [2]

b) _____ [1]

37. Mrs Lee bought 8 kg of cherries. She gave $\frac{1}{4}$ of it to her friend and ate $\frac{1}{2}$ kg.

How much cherries had she left?

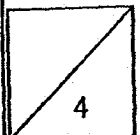
Ans: _____ [3]



38. A baker baked 120 cupcakes on Tuesday. He packed them into boxes of 6 and sold them at \$12 per box. At the end of the day, 3 boxes were left unsold. How much money was collected from the sale of the cupcakes?

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Ans: _____ [4]

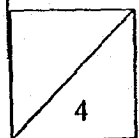


39. Sabrina read $\frac{2}{11}$ of a book on Saturday and $\frac{5}{11}$ of it on Sunday.

If she had 180 more pages to read, how many more pages did she read on Sunday than on Saturday?

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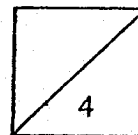
Ans: _____ [4]



40. Mrs Chan ordered 30 new blouses and jeans for her shop. Each blouse cost \$20 and each pair of jeans cost \$30. She paid \$730 altogether.
How many blouses did she buy?

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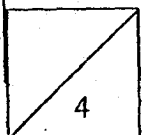
Ans: _____ [4]



41. 2 story books cost as much as 3 comics. Zoe paid \$48 for 4 story books.
How much must she pay if she wants to buy 5 comics?

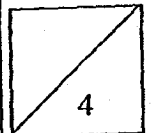
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Ans: _____ [4]



42. Natalie saved \$30 more than Cindy. Ariel saved 3 times as much money as Natalie. The 3 girls saved a total of \$300. How much money did Natalie save?

Ans: _____ [4]



43. Paul and Joe had 192 marbles altogether. After Paul had given 34 marbles to Joe, Joe had 3 times as many marbles as Paul.

a) How many marbles did Paul have in the end?

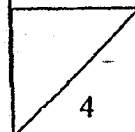
b) How many marbles did Joe have at first?

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Ans: a) _____ [2]

b) _____ [2]

**END OF PAPER
PLEASE CHECK YOUR WORK**



...
 ...
 ...
 ...

SCHOOL : SCGS PRIMARY SCHOOL

LEVEL : PRIMARY 4

SUBJECT : MATH

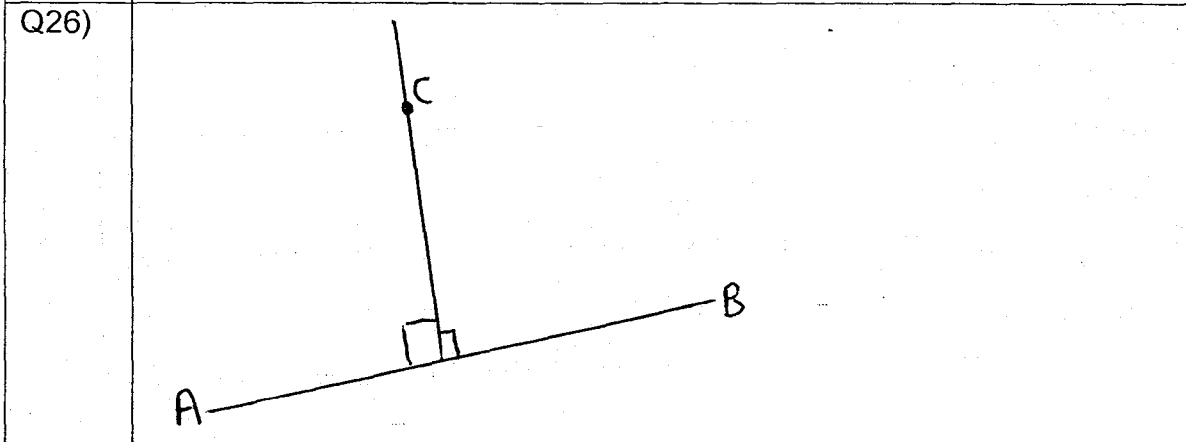
TERM : 2018 SA1

BOOKLET A

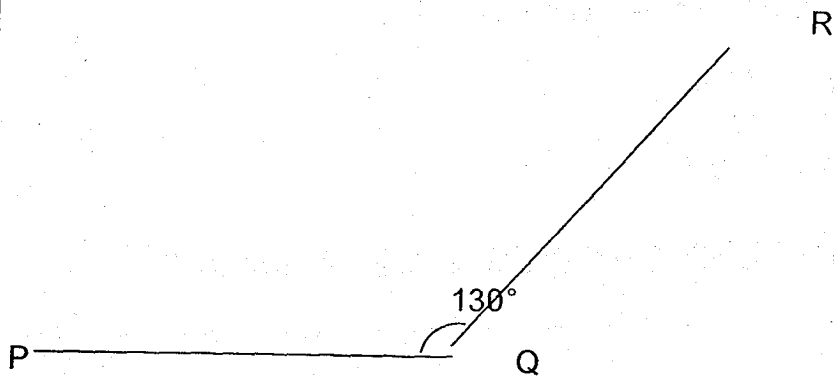
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	1	1	4	3	4	1	2	3
Q 11	Q12	Q13	Q14	Q15					
1	2	3	4	1					

BOOKLET B

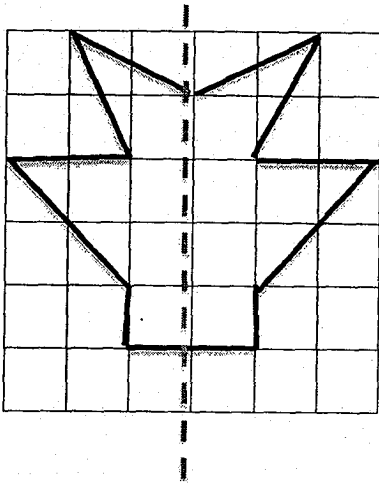
Q16)	Twenty thousand, seven hundred and eleven
Q17)	26750
Q18)	12485
Q19)	1,2,8,4,16
Q20)	23460
Q21)	2
Q22)	1
Q23)	$\frac{2}{3}$, $\frac{5}{6}$, 1 , $\frac{5}{4}$
Q24)	58°
Q25)	$\frac{4}{9}$



Q27)



Q28)



Q29) 30°

Q30) 35

Q31) $9u \rightarrow \$108$
 $1u \rightarrow \$108 \div 9 = \12
 Huiling $\rightarrow \$12 \times 8 = \96

Q32) $3u \rightarrow 1221$
 $1u \rightarrow 407$
 $407 \times 2 = 814$

Q33) $4u \rightarrow 330 - 50 = 280$
 $1u \rightarrow 280 \div 4 = 70$

Q34) $15 \times \$4 = \60

Q35) $1u \rightarrow 90 \div 6 = 15$

	<p>Wendy $\rightarrow 15 \times 5 = 75$ $75 - 15 = 60$ $60 \div 2 = 30$</p>
Q36)	<p>a) $40\text{cm} - 28\text{cm} = 12\text{cm}$ b) $12\text{cm} - 5\text{cm} = 7\text{cm}$</p>
Q37)	<p>Friends $\rightarrow \frac{1}{4} \times 8 = 2\text{kg}$ Ate $\rightarrow \frac{1}{2} \text{kg}$ Left $\rightarrow 8\text{kg} - 2\text{kg} - \frac{1}{2} = 5\frac{1}{2} \text{kg}$</p>
Q38)	<p>1 box has 6 cupcakes . 1 box \$12 120 cupcakes $\div 6 = 20$ boxes Sold = $20 - 3 = 17$ 1 box \$12 17 boxes = $\\$12 \times 17 = \\204</p>
Q39)	<p>$\frac{11}{11} - \frac{5}{11} - \frac{2}{11} = \frac{4}{11}$ $4u \rightarrow 180$ $1u \rightarrow 45$ Sunday $\rightarrow 45 \times 5 = 225$ Saturday $\rightarrow 45 \times 2 = 90$ $225 - 90 = 135$</p>
Q40)	<p>Assumption: Asume all are Jeans $30 \times 30 = 900$ $900 - 730 = 170$ Diff = $30 - 20 = 10$ $170 \div 10 = 17$</p>
Q41)	<p>2 story book $\rightarrow \\$48 \div 2 = \\24 1 comic $\rightarrow \\$24 \div 3 = \\8 5 comic $\rightarrow \\$8 \times 5 = \\40</p>
Q42)	<p>$\\$30 \times 4 = \\120 $\\$300 - \\$120 = \\$180$ $\\$180 \div 5 = \\36</p>

	Natalie $\rightarrow \\$36 + \\$30 = \\$66$
Q43)	$4u \rightarrow 192$ $1u \rightarrow 192 \div 4 = 48$ Joe in the end $\rightarrow 48 \times 3 = 144$ $144 - 34 = 110$ a)48 b)110