

Name : _____ ()

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2018 Semestral Assessment One

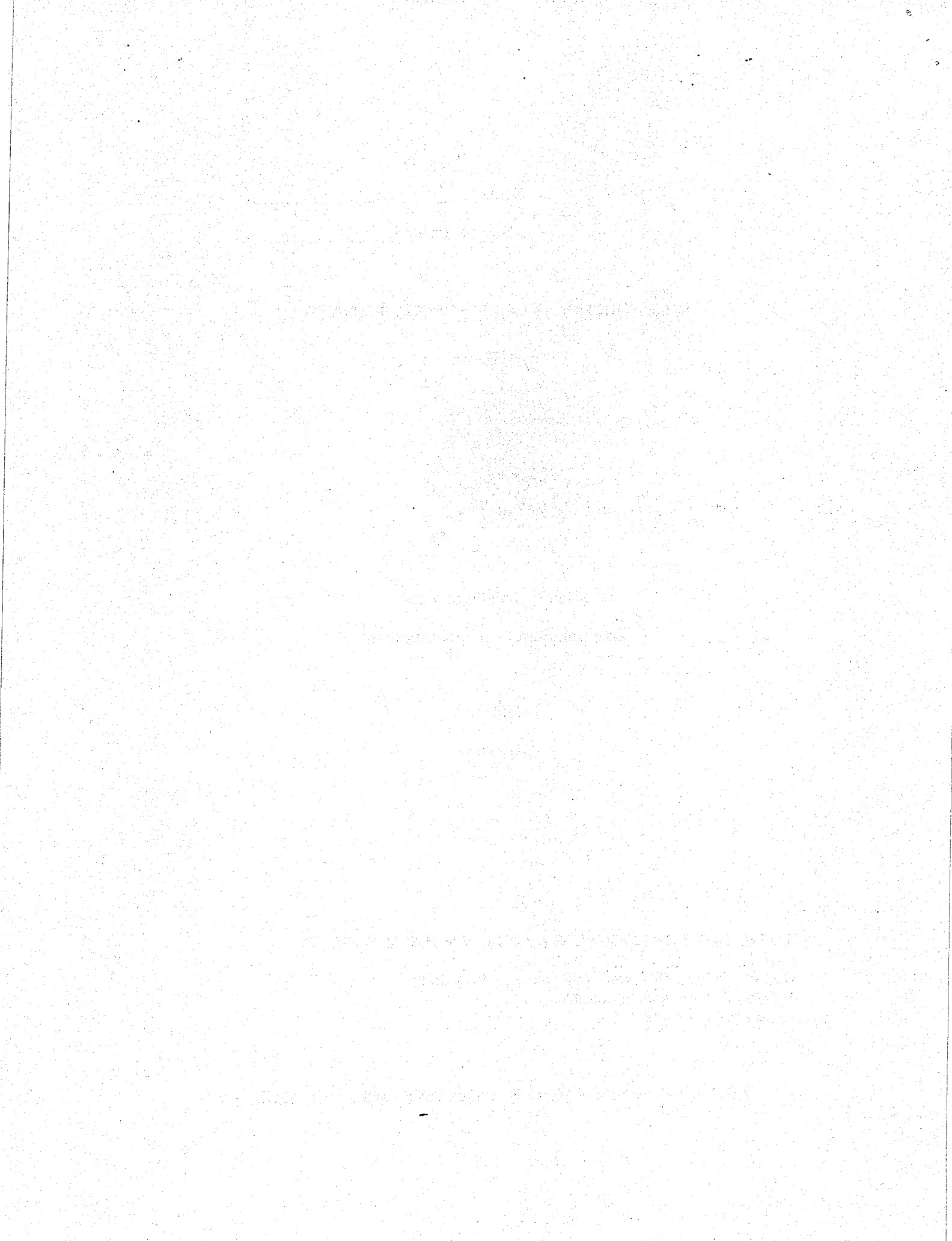
Booklet A

8 May 2018

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.



Section A (19 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 SHADE the oval completely.

1. In the number 93 418, what is the value of the digit 9?
 - (1) 90
 - (2) 900
 - (3) 9000
 - (4) 90 000

2. A factory produced 2756 T-shirts. It sold 1340 T-shirts. How many T-shirts were left?
 - (1) 1416
 - (2) 1496
 - (3) 4016
 - (4) 4096

3. What is 100 less than 62 759?
 - (1) 61 759
 - (2) 62 659
 - (3) 62 859
 - (4) 63 759

4. Which one of the following numbers is not a factor of 60?

(1) 8

(2) 2

(3) 3

(4) 4

5. 39 groups of children participated in a school camp. There were 16 children in each group. How many children were there in the school camp altogether?

(1) 615

(2) 624

(3) 635

(4) 694

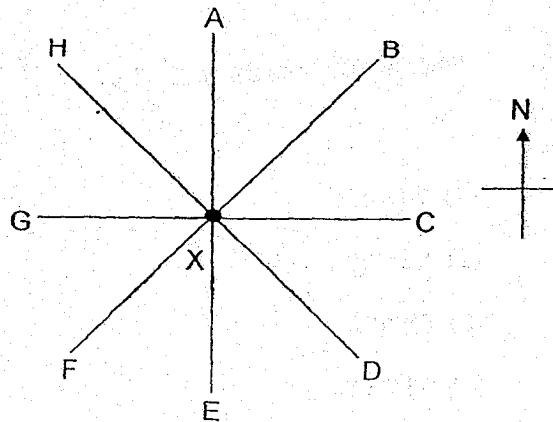
6. What is the direction of letter H from X?

(1) North-east

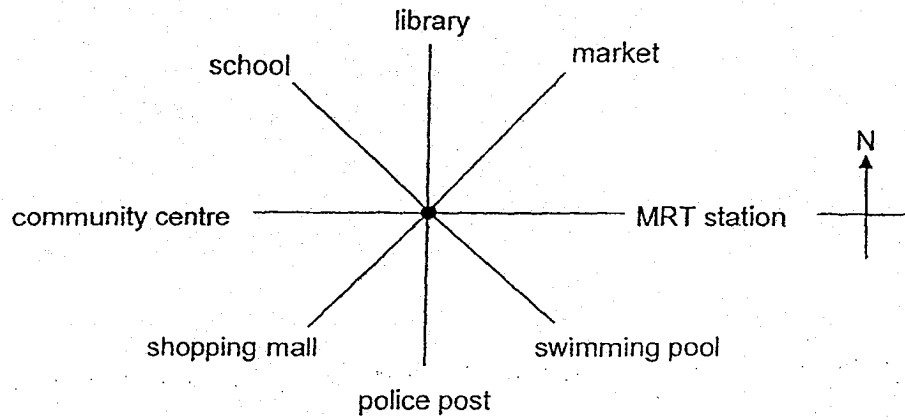
(2) North-west

(3) South-east

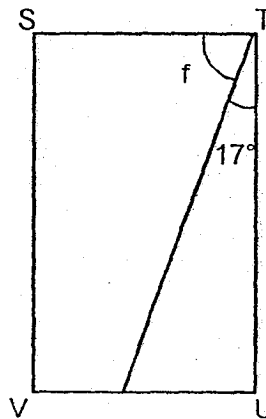
(4) South-west



7. After making a $\frac{1}{4}$ -turn in an anti-clockwise direction, Tony is facing the school. Where was Tony facing at first?

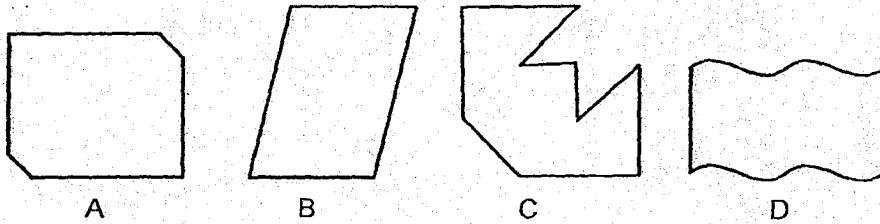


- (1) market
 (2) library
 (3) shopping mall
 (4) swimming pool
8. In the figure below, STUV is a rectangle. Find $\angle f$.



- (1) 28°
 (2) 43°
 (3) 45°
 (4) 73°

9. Which one of the following figures is symmetric?



(1) A

(2) B

(3) C

(4) D

10. Study the number pattern below. What is the missing number?

10 371, 10 221, 10 071, _____, 9771, 9621, 9471

(1) 9821

(2) 9921

(3) 10 121

(4) 10 221

11. Bala used triangles and circles to make figures below. The figures form a pattern.

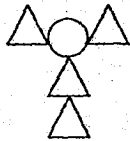


Figure 1

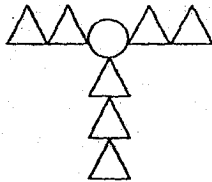


Figure 2

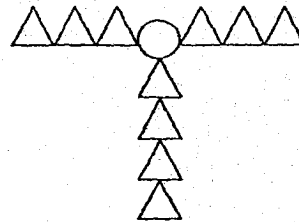


Figure 3

How many triangles did Bala use to make Figure 5?

- (1) 13
 - (2) 14
 - (3) 16
 - (4) 17
12. Four pupils guessed the number of marbles in a box. The actual number of marbles is an even number. It is a common multiple of 6 and 7. Who guessed the number correctly?



Alex



Ben



Connie



Denise

- (1) Alex
- (2) Ben
- (3) Connie
- (4) Denise

13. Ya Hui wanted to buy 3400 keychains for a charity event. The keychains were sold in packets of 9. What was the least number of packets of keychains Ya Hui had to buy?

(1) 388

(2) 384

(3) 378

(4) 377

14. Mr Thiam bought 6 similar fans to donate to an orphanage. He paid the cashier \$1200 and received a change of \$48. How much did each fan cost?

(1) \$152

(2) \$192

(3) \$200

(4) \$208

15. Jin Han has 182 toy cars and Keith has 94 toy cars. How many toy cars must Jin Han give to Keith so that each of them has the same number of toy cars?

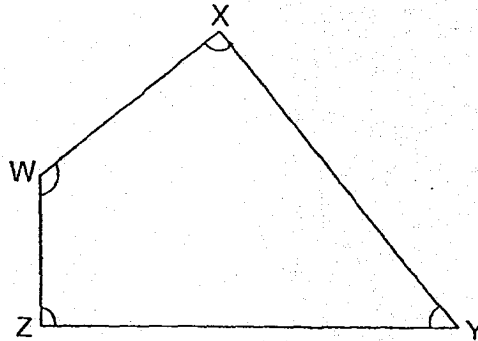
(1) 276

(2) 138

(3) 88

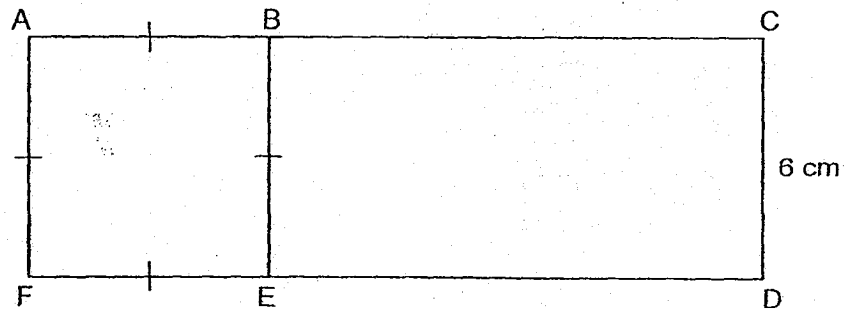
(4) 44

16. In the figure below, which angle is greater than a right angle?



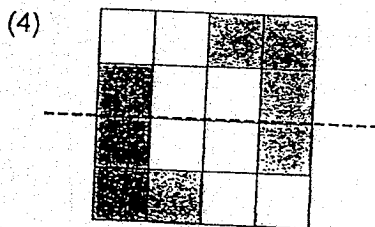
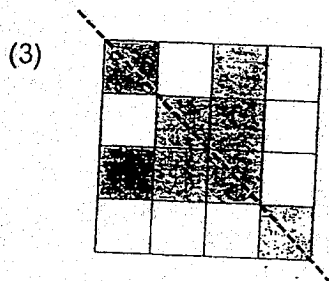
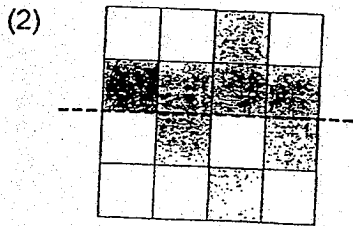
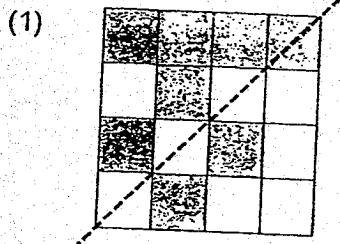
- (1) $\angle XWZ$
- (2) $\angle XYZ$
- (3) $\angle WXY$
- (4) $\angle WZY$

17. The figure below shows a square ABEF and a rectangle BCDE. ED is twice as long as CD. What is the length of AC?



- (1) 9 cm
- (2) 12 cm
- (3) 14 cm
- (4) 18 cm

18. In which one of the figures below is the dotted line a line of symmetry?



19. Doris and Sherry had an equal number of stickers at first. After Doris bought 48 more stickers and Sherry used 12 stickers, Doris had 3 times as many stickers as Sherry. How many stickers did each of them have at first?

(1) 42

(2) 32

(3) 30

(4) 27

****END OF BOOKLET A****

Name : _____ ()

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics

2018 Semestral Assessment One

Booklet B

8 May 2018

Booklet A :	/ 38
Booklet B :	/ 62
Total :	/ 100

Parent's/Guardian's Signature

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 16 printed pages including the cover page.

Section B (20 x 2 marks)

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

20. Write fourteen thousand, seven hundred and eighty-nine in numerals.

Ans : _____

21. Arrange the numbers in decreasing order.

63 007, 63 070, 63 708, 63 078

Ans : _____, _____, _____, _____

22. What is the sum of the 8th multiple of 5 and the 9th multiple of 7?

Ans : _____



23. An iPad costs \$859 during a sale. How much would 4 such iPads cost?

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Ans : \$ _____

24. What is the product of 800 and 30?

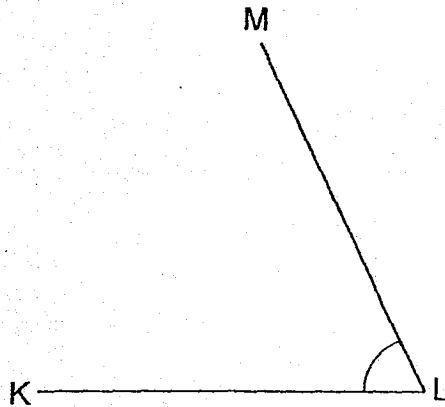
Ans : _____

25. What is the smallest 4-digit number that can be formed using the digits 5, 2, 9 and 0?

Ans : _____



26. Measure and write down the size of $\angle KLM$.



Ans : _____°

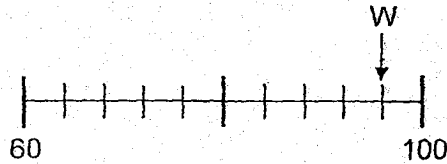
27. Ebonne has some money. The amount of money she has is \$2400 when rounded to the nearest ten dollars. What is the greatest possible amount of money that Ebonne has?

Ans : \$ _____

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28. Study the number line below. What is the number represented by W?



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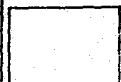
Ans : _____

29. Use the clues below to help Nasri solve a 5-digit secret code to a locker.

- The digit in the thousands place is 7.
- The digit in the tens place is 3 less than the digit in the thousands place.
- The digit in the ones place is twice the digit in the tens place.
- The digit in the hundreds place is the same as the digit in the ones place.
- The digit in the ten thousands place is 5 more than the digit in the tens place.

What is the 5-digit secret code to the locker?

Ans : _____



30. Lola listed the factors of 42 below.

1, 2, 3, 6, 14, 42

She missed out 2 factors. What were the 2 missing factors?

Ans : _____ and _____

31. The mass of 5 similar packets of milk is 3525 g. Find the mass of 2 such packets of milk.

Ans : _____ g

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32. What number when divided by 8 has a quotient of 38 and a remainder of 3?

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Ans : _____

33. Walter had 279 more ice cream sticks than Zack. Zack gave 68 ice cream sticks to Walter. How many more ice cream sticks did Walter have than Zack?

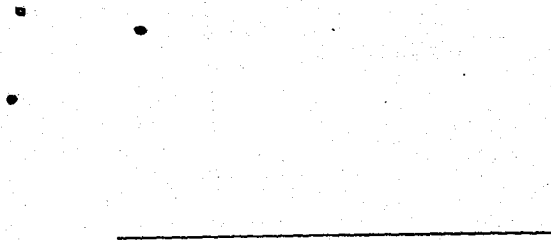
Ans : _____



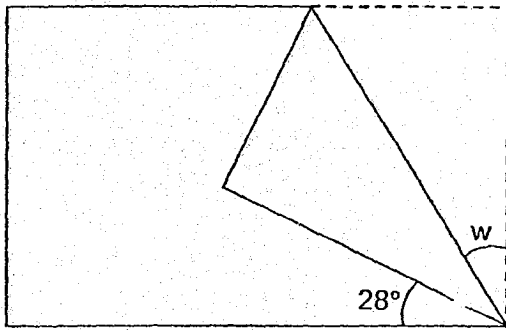
34. Pritam and Julian collected 1034 stamps altogether. Julian collected 528 stamps. Pritam then received 26 stamps from his father. How many stamps did Pritam have in the end?

Ans : _____

35. Join the marked end point of the line to one of the dots to form $\angle p = 103^\circ$. Then label the angle.

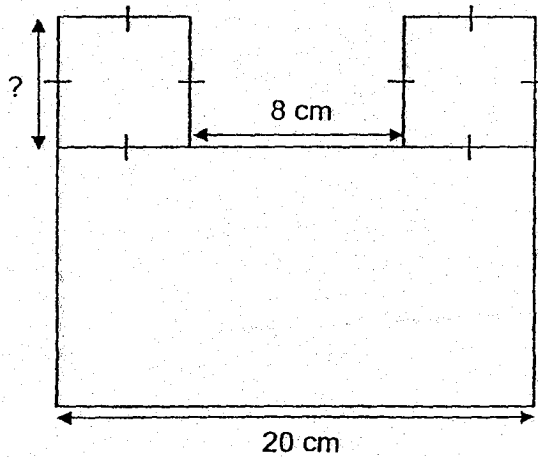


36. A rectangular piece of paper shown below is folded at one of its corners. Find $\angle w$.



Ans : _____ °

37. Henry drew 2 similar squares and a rectangle on a piece of paper as shown below. Find the unknown length of the square.

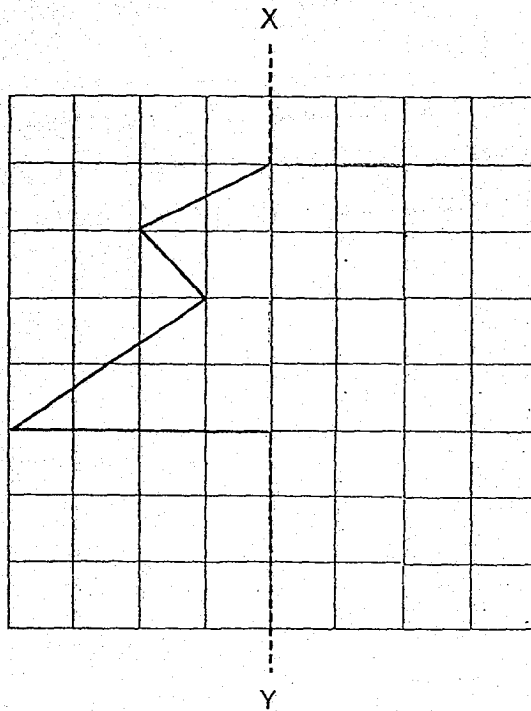


Ans : _____ cm

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38. Complete the symmetric figure with XY as the line of symmetry.



39. There was a total of 640 boys and girls at the park at first. 268 boys left the park. In the end, there were 3 times as many boys as girls. How many girls were there at the park?

Ans : _____



Section C (22 marks)

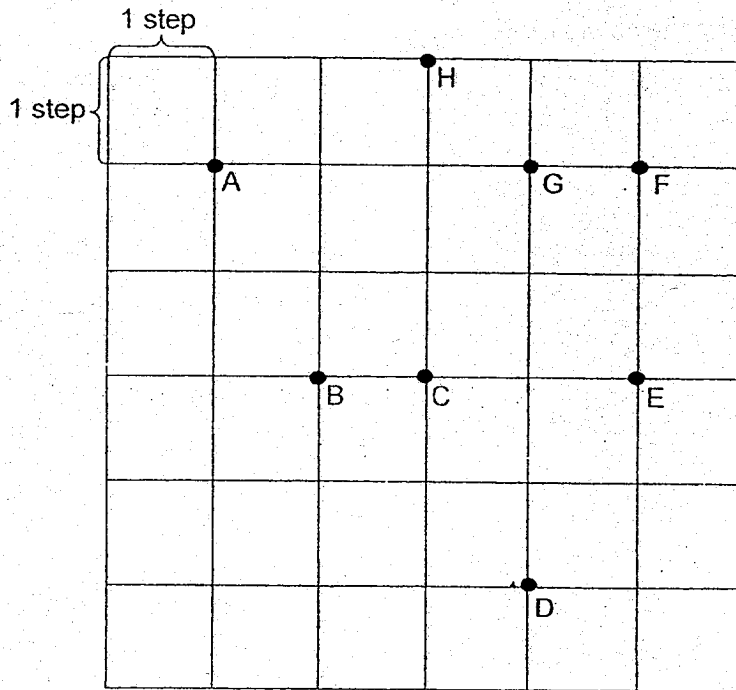
Solve the following problems. All mathematical working and statements must be shown clearly.

40. Five classes made some Christmas cards for a project. One of the classes made 250 Christmas cards. The other classes each made 180 Christmas cards. How many Christmas cards were made by the five classes altogether?

Ans : _____ [3]



41. Look at the grid below and answer the following questions.

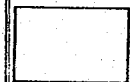


- (a) Meg was standing at position C facing south. How many degrees did she turn in the clockwise direction to face H?
- (b) Rannel was standing at position B facing north. She walked 2 steps to the north and 3 steps to the east. At which position did she end up at?
- (c) Teck Meng was standing at a certain position. After he walked 3 steps to the west and 4 steps to the north, he ended at position A. What was his starting position?

Ans : (a) _____ [1]

(b) _____ [1]

(c) _____ [1]



42. Savannah bought a total of 12 files and pens. Each file cost \$5 and each pen cost \$2. She spent \$45 in total.

- (a) How many pens did Savannah buy?
- (b) How much did she spend on the files?

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(a) _____ [3]

(b) _____ [1]

43. The total cost of 4 similar rings and 7 similar necklaces is \$392.
The 4 rings cost the same as the 7 necklaces.
How much do 8 such necklaces cost?

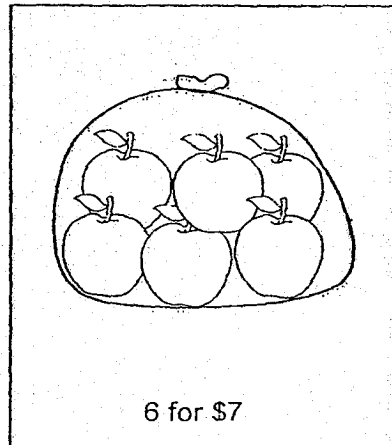
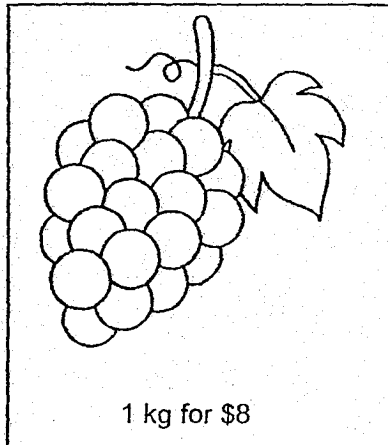
Ans : _____ [4]



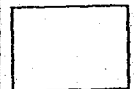
44. Arjun has 564 storybooks. He has 218 more storybooks than Rudra but 39 fewer storybooks than Mohan. How many storybooks do they have altogether?

Ans : _____ [4]

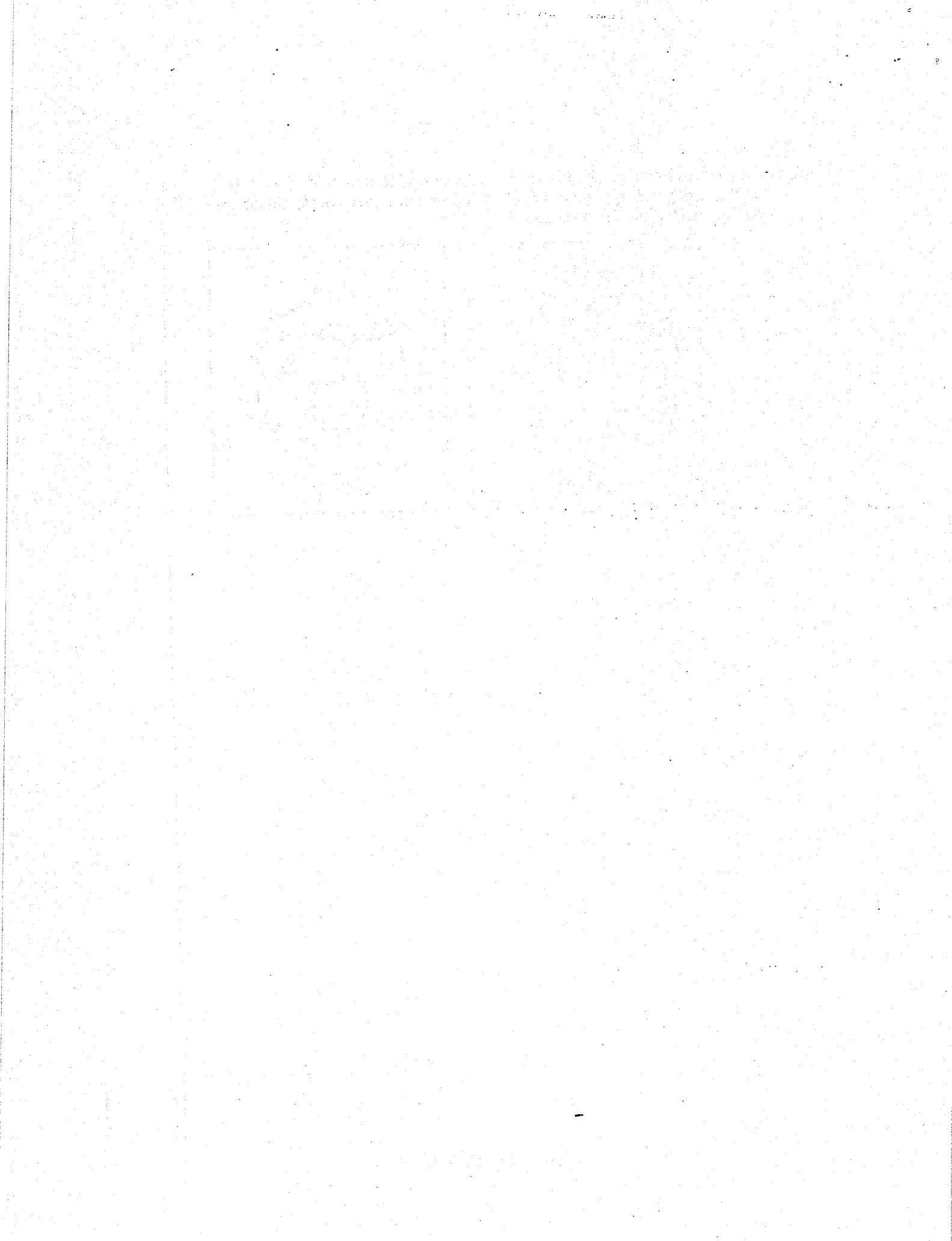
45. Grapes were sold at 1 kg for \$8. A packet of apples was sold at 6 for \$7. Marcus bought 2 kg of grapes and 18 apples. How much more did he spend on the apples than on the grapes?



Ans : _____ [4]



****END OF PAPER****



ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 4
SCHOOL : CHIJ ST NICHOLAS GIRLS'
SUBJECT : MATHEMATICS
TERM : SA1

Section A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	1	2	1	2	2	1	4	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	
3	4	3	2	4	1	4	3	1	

Section B

Q20 14 789

Q21 63 708 , 63 078 , 63 070 , 63 007

Q22 103

Q23 \$3436

Q24 24 000

Q25 2059

Q26 65°

Q27 2404

Q28 96

Q29 97 848

Q30 21 and 7

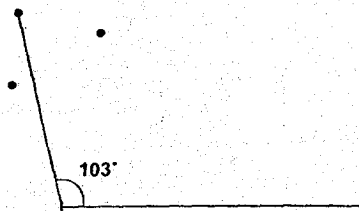
Q31 1410 g

Q32 307

Q33 415 ice cream sticks

Q34 532 stamps

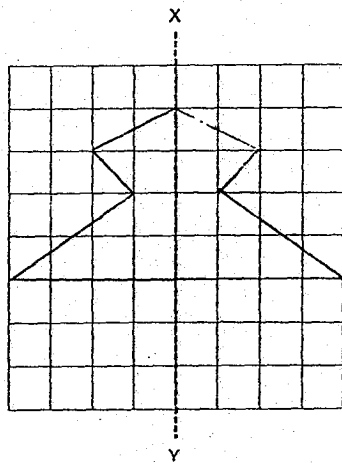
Q35



Q36 31°

Q37 6 cm

Q38



Q39 93 girls

Section C

Q40 $180 \times 4 = 720$
 $720 + 250 \Rightarrow \underline{970 \text{ cards}}$

Q41 (a) 180°

(b) F

(c) D

Q42 (a) 5 pens

(b) $5 \times 7 \Rightarrow \underline{\$35}$

Q43 $4r + 7n = 392$

$4r = 7n$

$392 \div 2 = 196$

$196 \div 7 = 28$

$196 + 28 \Rightarrow \underline{\$224}$

Q44 $564 - 218 = 346$

$564 + 39 = 603$

$346 + 603 = 949$

$949 + 564 \Rightarrow \underline{1513 \text{ storybooks}}$

Q45 $8 + 8 = 16$

$7 \times 3 = 21$

$21 - 16 \Rightarrow \underline{\$5}$

