CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 4 Mathematics

Ready, Set, Go (3)

Booklet A

Name : _____ ( ) Date : _____

Class : Primary 4 _____ Marks : _____ / 26

Total time for Booklet A and Booklet B : 1 hour 15 minutes

The use of calculator is NOT allowed.

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Questions 1 to 13 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. (26 marks)

1. 65 thousands and 3 tens is the same as _____.

(1) 653
(2) 6530
(3) 65 003
(4) 65 030

2. Which of the following is a factor of both 27 and 60?

(1) 12
(2) 9
(3) 3
(4) 7

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

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

(2) 6

(3) 3

(4) 12

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4. Write $3\frac{7}{25}$ as a decimal.

(1) 3.725
(2) 3.7
(3) 3.28
(4) 3.25

5. Which of the following numbers when rounded to the nearest ten becomes 41 600?

(1) 41 666
(2) 41 596
(3) 41 606
(4) 41 664

6. 64 is **not** a multiple of _____.

(1) 6
(2) 2
(3) 8
(4) 4

7. A number when rounded to the nearest tenth is 24.3.
What is the largest possible value of that number?

(1) 24.25
(2) 24.29
(3) 24.34
(4) 24.39

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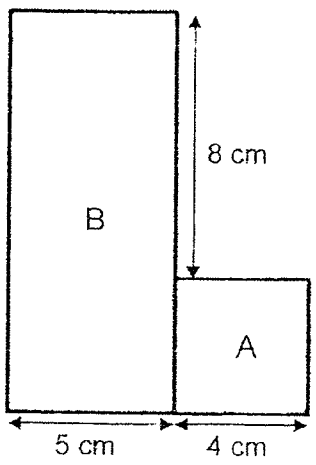
8. Dorothy's age now is between 1 and 40 and it is a multiple of 4.
Next year, her age will be a multiple of 7.
What is Dorothy's age next year?

(1) 21
(2) 27
(3) 28
(4) 29

9. At a party, $\frac{1}{4}$ of the children ate chocolate ice-cream, $\frac{3}{8}$ of the children ate vanilla ice-cream. The remaining 18 children ate strawberry ice-cream.
How many children ate chocolate ice-cream?

(1) 6
(2) 12
(3) 30
(4) 48

10. The figure shown is made up of a square A with side 4 cm and a rectangle B with breadth 5 cm.
What is the area of rectangle B?

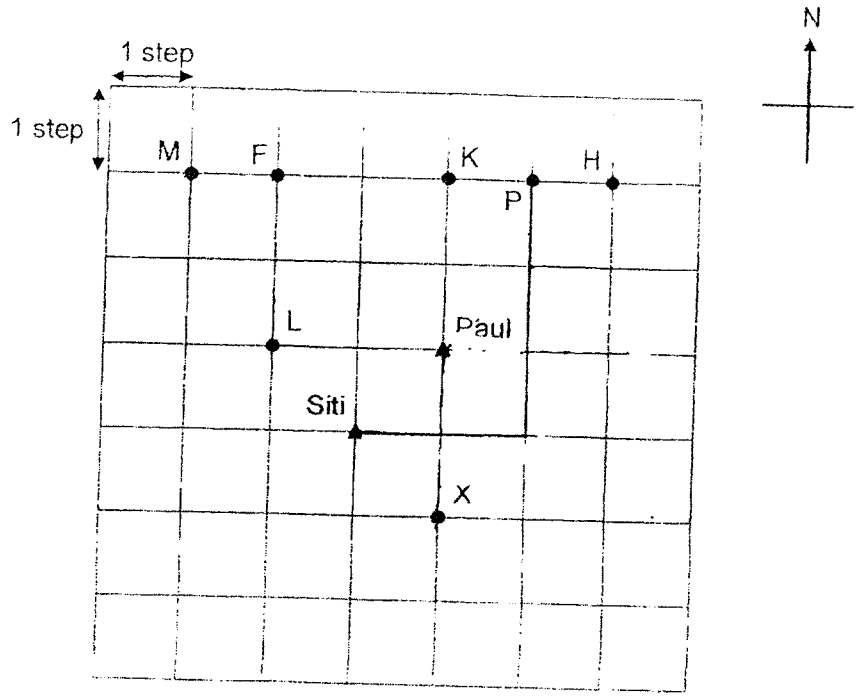


(1) 16 cm^2
(2) 40 cm^2
(3) 60 cm^2
(4) 76 cm^2

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11. Use the map below to answer questions 12 and 13.

Paul is facing point X.
He turns through an angle of 135° in the anti-clockwise direction.
Which point is he facing now?



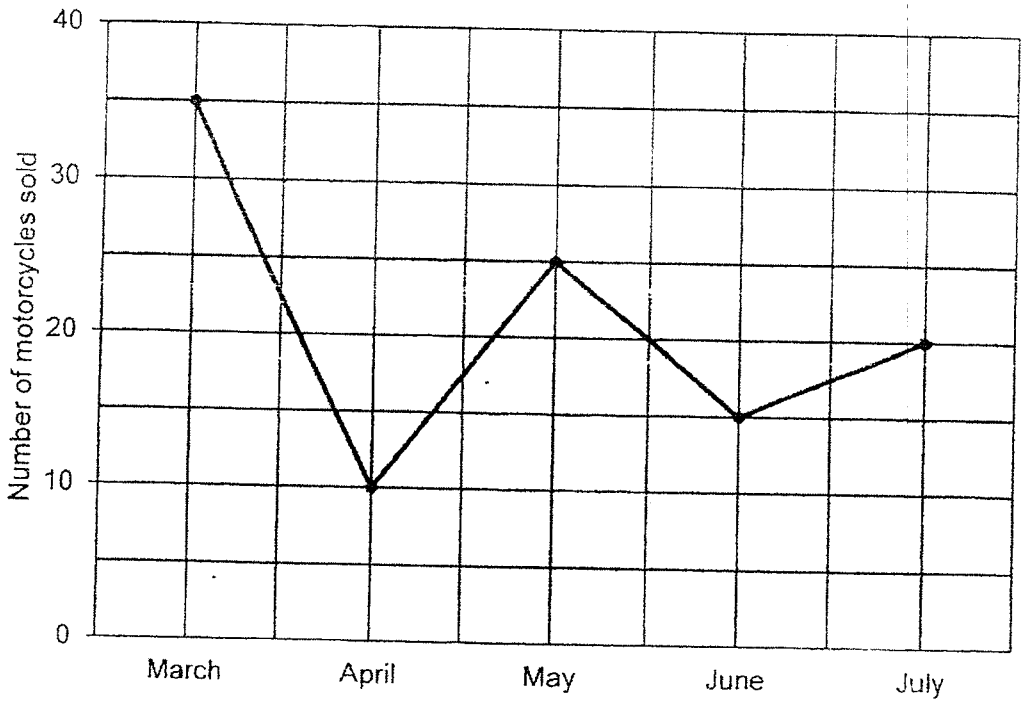
(1) F
(2) H
(3) K
(4) L

12. Siti is at her starting point.
She walks 2 steps to the East.
She then walks 3 steps to the North.
Which point is she at now?

(1) F
(2) H
(3) M
(4) P

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The graph below shows the number of motorcycles sold by Mr Lee from March to July. Study the graph and answer **question 13**.



13. How many motorcycles did Mr Lee sell from May to July?

(1) 50
(2) 60
(3) 70
(4) 105

END OF BOOKLET A
Proceed to Booklet B

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CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 4 Mathematics

Ready, Set, Go (3)

Booklet B

Name : _____ ( ) Date : _____

Class : Primary 4 _____ Marks : _____ / 44

Total time for Booklet A and Booklet B : 1 hour 15 minutes

The use of calculator is NOT allowed.

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Questions **14** to **25** carry 2 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. (24 marks)

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14. What is the missing number in the number pattern below?

4649 , 4799 , 4949 , _____ , 5249

Ans: _____

15. Some of the factors of 18 are 1, 2, 3 and 18.
What are the other two factors of 18?

Ans: _____ and _____

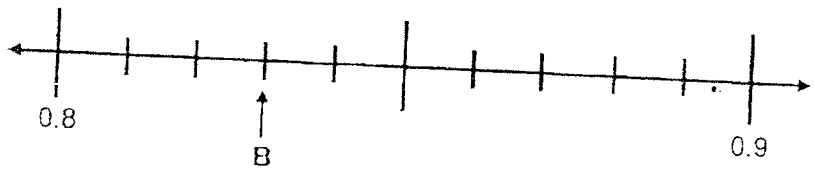
16. What is the value of $\frac{5}{6} + \frac{1}{3}$?

Express your answer as a mixed number.

Ans: _____

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17. Write the decimal represented by B.



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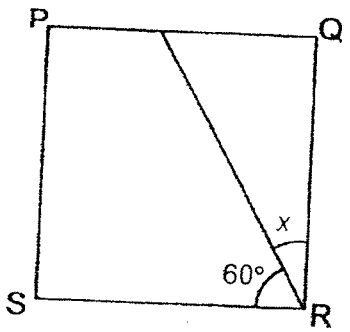
Ans: _____

18. Arrange the following numbers from the smallest to the greatest.

$$0.408 \quad , \quad \frac{2}{5} \quad , \quad 0.048$$

_____ , _____ , _____
(smallest) (greatest)

19. PQRS is a square.
Find the value of $\angle x$.



Ans: _____ °

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Do not write in this space

20. At a fruit shop, apples were sold in bags of 6 only and not separately.
Each bag of apples cost $4. Kelly has $19.
What is the greatest number of apples that she can buy?

Ans: _____

21. The perimeter of a rectangle is 56 cm.
Its length is 16 cm.
Find the breadth of the rectangle.

Ans: _____ cm

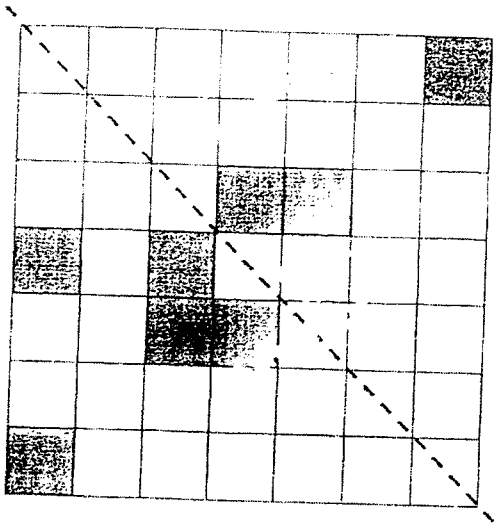
22. 3 apples and 1 honeydew cost $7.17.
2 apples and 1 honeydew cost $6.27.
What is the total cost of 2 apples?

Ans: $ _____

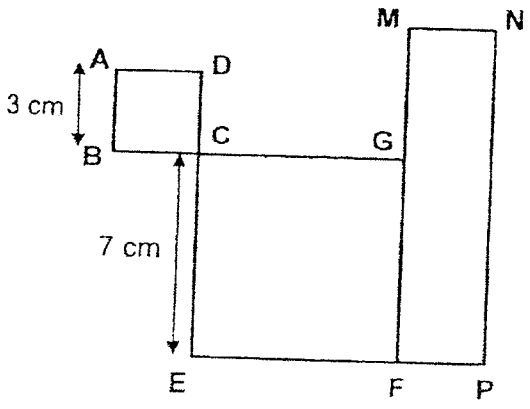
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23. Complete the drawing below by shading 2 more squares so that the dotted line is a line of symmetry.



24. ABCD and CEFG are squares and MFPN is a rectangle.
Given that AB = 3 cm, and NP is four times the length of AB, find the length of MG.



Ans: _____ cm

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25. Ali had a rectangular piece of paper ABCD as shown in Figure 1. He folded the paper to form the shape as shown in Figure 2. Find the length of AB in Figure 1.

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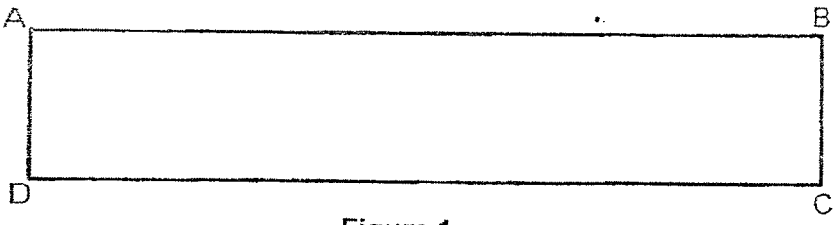


Figure 1

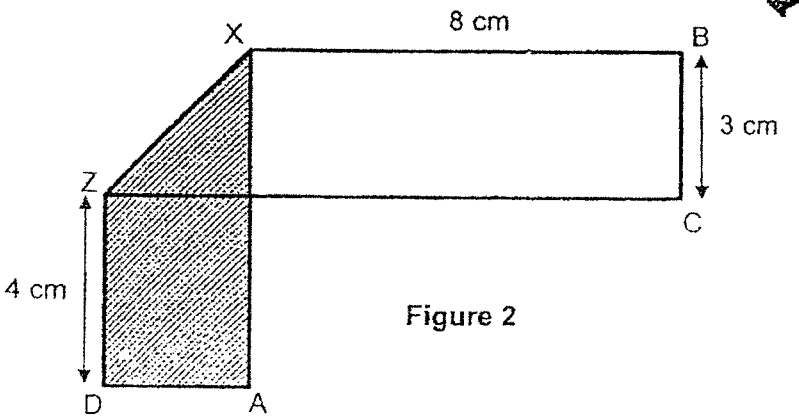


Figure 2

Ans: _____ cm

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For questions **26** to **30**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (20 marks)

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26. Jill saves $612.
She saves six times as much as her brother, Tom.
How much must she give Tom so that both of them have an equal amount of money?

Ans: _____ [4]

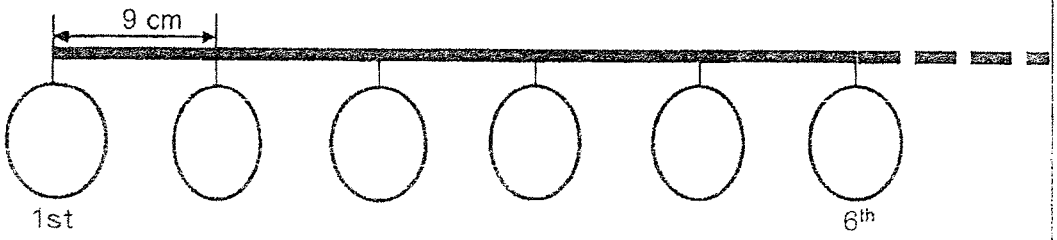
27. Peter and Ashraf shared some stickers equally.
After Ashraf bought 46 stickers and Peter gave 112 stickers away, they had 478 stickers left.
How many stickers did each of them have at first?

Ans: _____ [4]

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28. Mary had a ribbon of 150.3 cm long. She tied some balloons on the ribbon. Part of the ribbon and balloons were shown as below. Each balloon was 9 cm apart from one another.

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(a) What is the length of the ribbon between the 2nd and 10th balloon?

(b) Find the most number of balloons that could be tied on the 150.3 cm of ribbon with balloons at 9 cm apart from one another.

Ans: (a) _____ [2]

(b) _____ [2]

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Do not write in this space

29. Tim had a box of blue and red marbles.

$\frac{5}{12}$ of the marbles were blue.

(a) What fraction of the marbles were red?

(b) There were 34 fewer blue marbles than red marbles.
How many marbles did Tim have altogether?

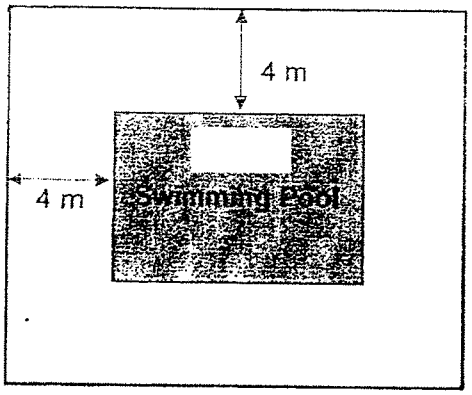
Ans: (a) _____ [2]

(b) _____ [2]

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30. A swimming pool measures 18 m by 9 m.
It is surrounded by a path which is 4 m wide as shown below.
What is the area of the path?



Ans: _____ [4]

END OF BOOKLET B

Have you checked your work carefully?

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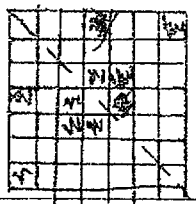
ANSWER KEY

LEVEL : Primary 4
SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL
SUBJECT : MATHEMATICS
TERM : Ready, Set Go (3)

BOOKLET A

Q1	4	Q2	3	Q3	4	Q4	3	Q5	2
Q6	1	Q7	3	Q8	1	Q9	2	Q10	3
Q11	2	Q12	4	Q13	2				

BOOKLET B

Q14	4949+150=5099	Q15	9 and 6
Q16	$\frac{1}{3}=\frac{2}{6}$ $\frac{5}{6}+\frac{2}{6}=1\frac{1}{6}$	Q17	0.83
Q18	$0.048, \frac{2}{5}, 0.408$	Q19	90-60=30
Q20	$19\div 4=4R3$ $6\times 4=24$	Q21	56-16-16=24 $24\div 2=12$
Q22	7.17-6.27=0.90 0.90+0.90=1.80	Q23	
Q24	$3\times 4=12$ 12-7=5	Q25	3+4+8=15
Q26	$612\div 6=102$ 612-102=510 $510\div 2=\$255$	Q27	478-46=432 432+112=544 $544\div 2=272$
Q28	(a) 10-2=8 $8\times 9=72cm$ (b) $150\div 9=16$ 16+1=17	Q29	(a) $1-\frac{5}{12}=\frac{7}{12}$ (b) $\frac{7}{12}-\frac{5}{12}=\frac{2}{12}$ $34\div 2=17$ $17\times 12=204$
Q30	$18\times 9=162$ 18+4+4=26 9+4+4=17 $26\times 17=442$ $442-162=280cm^2$		

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