Name: _____ ( )

Class: Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

Booklet A

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 8 printed pages.

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Section A (15 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. 2 thousands 2 tens is the same as _____.

   (1) 202

   (2) 2002

   (3) 2020

   (4) 2200

2. _____ is 100 less than 4902.

   (1) 5002

   (2) 4802

   (3) 4800

   (4) 3902

3. What is the value of 3098 + 5167?

   (1) 8155

   (2) 8165

   (3) 8255

   (4) 8265

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4. Amirah has 7 boxes of cupcakes. There are 8 cupcakes in each box. How many cupcakes does Amirah have altogether?

(1) 56

(2) 49

(3) 48

(4) 15

5. 5 km 9 m = _____ m

(1) 509

(2) 590

(3) 5009

(4) 5900

6. How many minutes are there in 2 h 18 min?

(1) 218 min

(2) 138 min

(3) 120 min

(4) 102 min

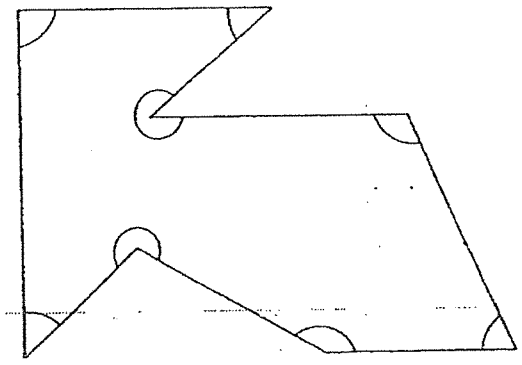
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7. Arrange the following fractions from the smallest to the greatest.

$$\frac{2}{3}, \frac{1}{4}, \frac{5}{12}$$

	smallest				greatest
(1)	$\frac{1}{4}$	,	$\frac{5}{12}$	,	$\frac{2}{3}$
(2)	$\frac{1}{4}$	,	$\frac{2}{3}$	,	$\frac{5}{12}$
(3)	$\frac{2}{3}$	,	$\frac{5}{12}$	,	$\frac{1}{4}$
(4)	$\frac{5}{12}$	,	$\frac{2}{3}$	,	$\frac{1}{4}$

8. How many of the marked angles in the figure below are greater than a right angle?



(1) 1

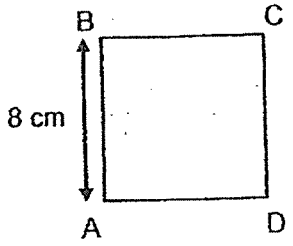
(2) 2

(3) 7

(4) 4

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9. The figure below is a square. The length of AB is 8 cm. What is the area of the square?



(1) 64 cm^2

(2) 32 cm^2

(3) 16 cm^2

(4) 8 cm^2

10. The difference between two numbers is 670. The smaller number is 1780. Find the sum of the two numbers.

(1) 2450

(2) 3120

(3) 4130

(4) 4230

11. Jinny has $249. Karthi has three times as much as Jinny. How much do they have altogether?

(1) $255

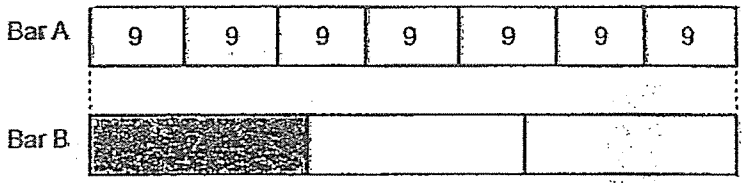
(2) $498

(3) $747

(4) $996

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12. Look at the model given below. The length of Bar A and Bar B is the same. Bar B is made up of 3 equal parts.



What is the value of the shaded part?

(1) 18

(2) 21

(3) 22

(4) 27

13. A movie starts at 7.25 p.m. It is now 15 minutes to seven. How long will it be before the movie starts?

(1) 10 min

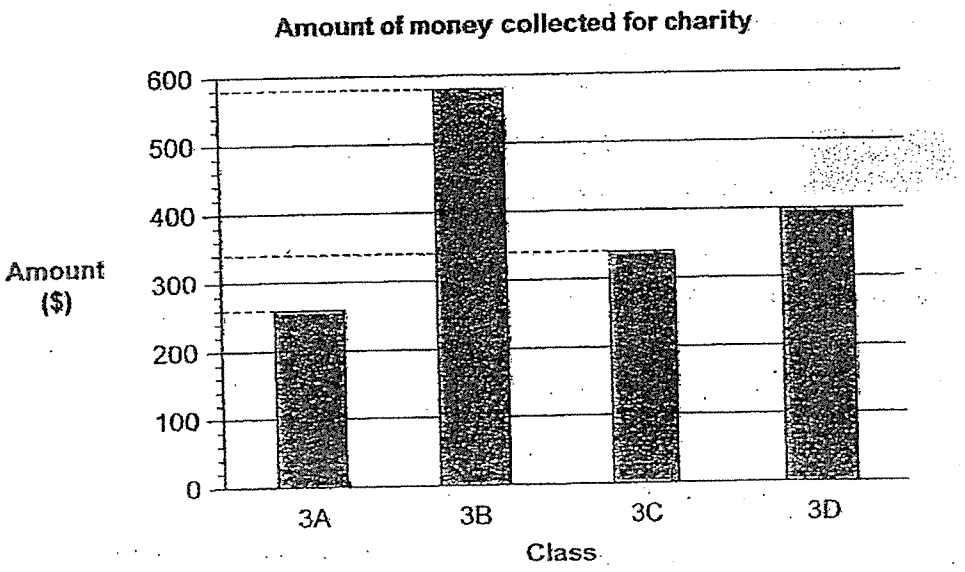
(2) 25 min

(3) 40 min

(4) 45 min

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The bar graph below shows the amount of money collected for charity by some Primary 3 classes.



14. How much more was the greatest amount of money collected than the least amount of money collected?

(1) $840

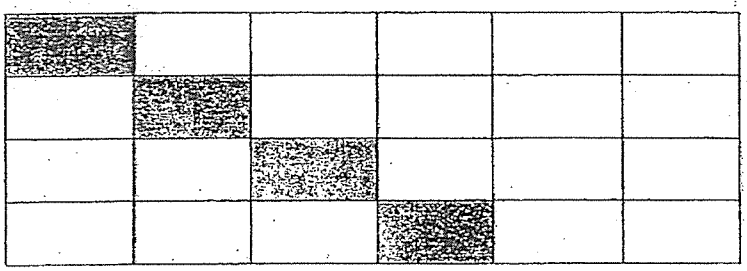
(2) $580

(3) $320

(4) $260

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15. The figure below is made up of 24 rectangles. How many more rectangles must be shaded to show $\frac{5}{12}$?



(1) 1

(2) 6

(3) 7

(4) 10

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Name: _____ ( )

Class: Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

Booklet B

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

_____

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 15 printed pages.

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Section B (15 x 2 marks)

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

Do not write in this space

16. What is the value of 9003 – 1279?

Ans : _____

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

4930 , 4690 , 4450 , 4210 , [?] , 3730

Ans : _____

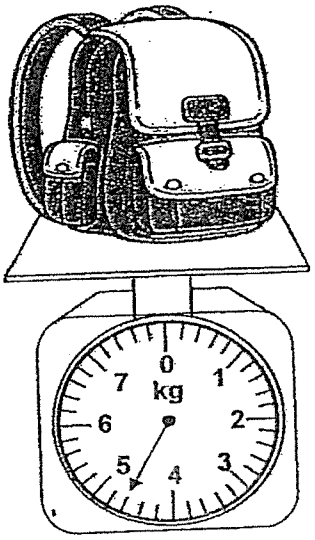
18. _____ + $3.95 = $10

Ans : $ _____

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Do not write in this space

19. The mass of a bag is shown on the kitchen scale below. What is the mass of the bag?



Ans : _____kg _____g

20. $\frac{1}{4} + \frac{5}{8} =$?

Ans : _____

21. Look at the letters below. Which 2 letters have both perpendicular and parallel lines?

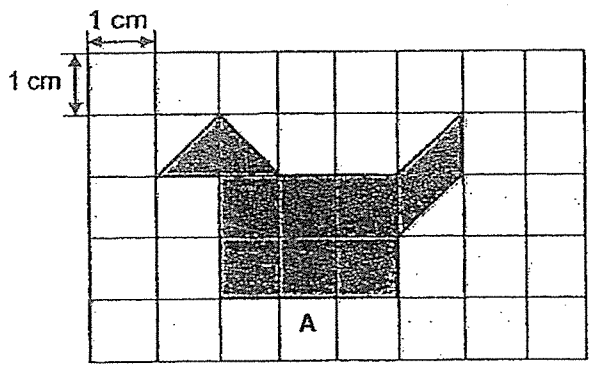
H A M L E T

Ans : _____ and _____

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22. What is the area of Figure A below?

Do not write in this space



Ans : _____ cm^2

23. A number when divided by 5 has a quotient of 38 and a remainder of 3. What is the number?

Ans : _____

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24. May has 58 stickers. Lynn has 5 times as many stickers as her. How many stickers will Lynn have to give May so that both of them have the same number of stickers?

Do not write in this space

Ans : _____

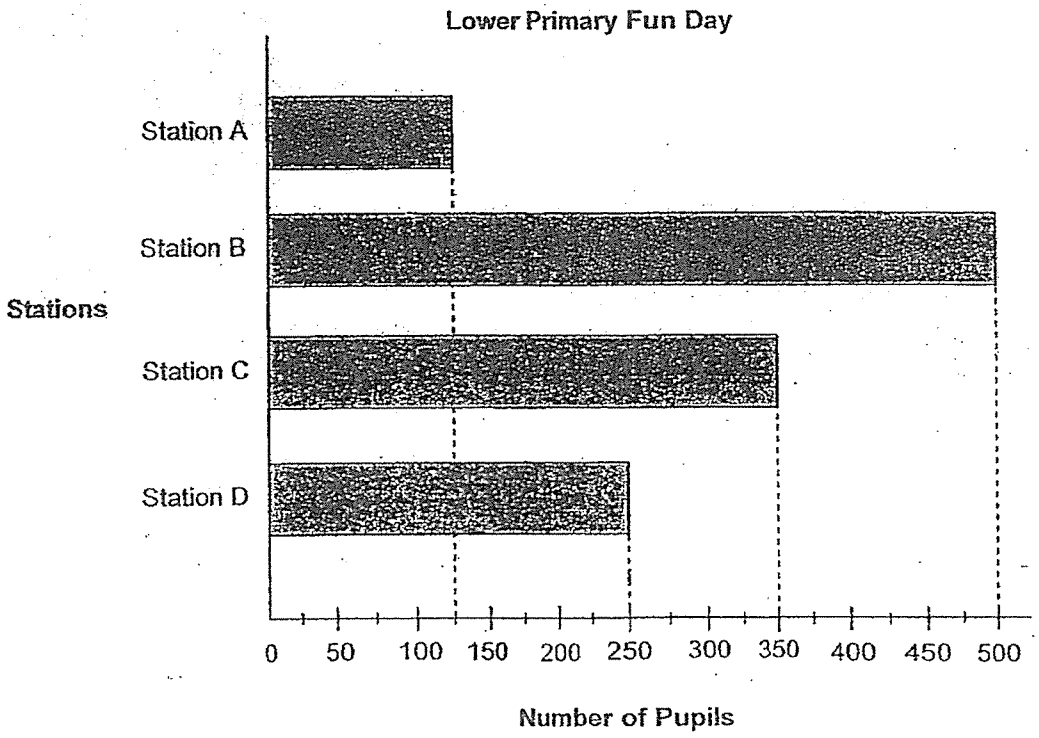
25. Mindy's watch is six minutes slow. Her watch shows 5.00 p.m. now. What is the actual time?

Ans: _____ p.m.

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Use the bar graph below to answer question 26.
The bar graph shows the number of pupils visiting the different stations at the Lower Primary Fun Day.

Do not write in this space



26. Station D has twice as many pupils as Station _____.

Ans : _____

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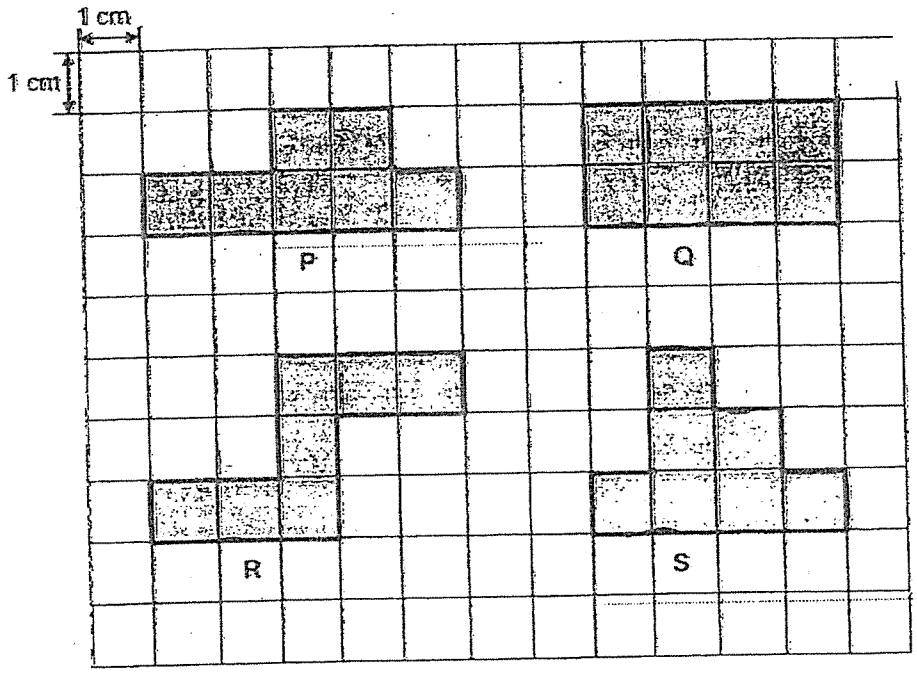
27. What is the missing number?

$$\frac{10}{12} = \frac{\boxed{?}}{18}$$

Ans : _____

Do not write in this space

28. Which of the 2 figures below have the same perimeter?

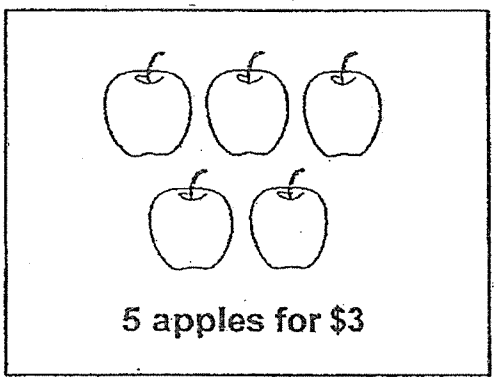


Ans: Figures _____ and _____

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29. Mrs Devi paid $24 for some apples.

Do not write in this space



Each statement below is either true or false from the information given.
For each statement, put a tick (✓) in the correct column.

Statement	True	False
Mrs Devi bought 40 apples.		
If Mrs Devi had bought 30 apples instead, she would have spent $4 less.		

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30. Nurul has 17 notes in her piggy bank. There are only $2 and $5 notes in her piggy bank. The total value of the notes is $49. How many $5 notes are there in her piggy bank?

Do not write in this space

Ans : _____

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Section C (20 marks)

For questions **31** to **36**, show your workings 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.

Do not write in this space

31. There are 960 boys in a hall. There are 395 more boys than girls in the same hall. How many children are there in the hall altogether?

Ans : _____ [3]

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32. Chong and Jill have 180 cookies altogether. Chong has 30 cookies more than Jill. How many cookies does Jill have?

Do not write in this space

Ans : _____ [3]

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33. Pravin, Hadi and Larry have 442 stamps altogether. Larry has four times as many stamps as Hadi. Pravin has 34 more stamps than Hadi. How many stamps does Hadi have?

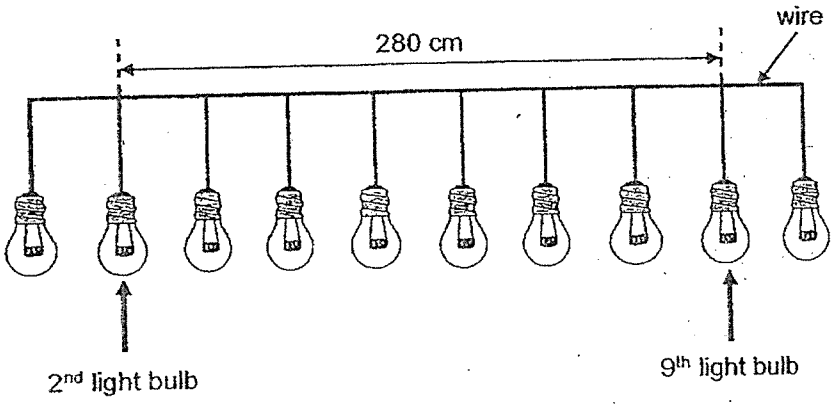
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Ans : _____ [3]

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34. Xiaoling hangs 10 light bulbs at an equal distance apart on a wire. The distance between the 2nd and the 9th light bulb is 280 cm. What is the length of the wire used for hanging the 10 light bulbs?

Do not write in this space



Ans : _____

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35. Molly had 800 ml of apple juice for a party at first. She bought another 10 bottles of apple juice for the party. Each bottle contained 330 ml of apple juice. She served the apple juice to her guests and had 590 ml of apple juice left.

(a) What was the total amount of apple juice she had for the party?

(b) How much apple juice was served to the guests?

Do not write in this space

Ans : (a)_____ [2]

(b)_____ [2]

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36. The figures below are formed by sticks. They follow a pattern.

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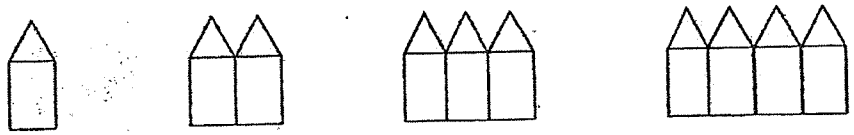


Figure 1 Figure 2 Figure 3 Figure 4

The table below shows the number of sticks used for the first four figures.

Figure Number	1	2	3	4	5	6
Number of sticks used	6	11	16	21	...	?

(a) How many sticks are used to form Figure 6?

(b) Which figure has 66 sticks?

Ans : (a) _____ [2]

(b) Figure _____ [2]

End of Paper

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ANSWER KEY

LEVEL : PRIMARY 3
SCHOOL : CHIJ ST NICHOLAS GIRLS'
SUBJECT : MATHEMATICS
TERM : SA2

Section A

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

Section B

Q16 7724

Q17 3970

Q18 $6.05

Q19 4 kg 600 g

Q20 $\frac{7}{8}$

Q21 H and E

Q22 8 cm^2

Q23 193

Q24 116 stickers

Q25 5.06 p.m.

Q26 A

Q27 15

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Q28 Figures P and S

Q29 ✓ True

✓ False

Q30 5

Section C

Q31 960 - 395 = 565
960 + 565 ⇒ 1525 children

Q32 180 – 30 = 150
150 ÷ 2 ⇒ 75 cookies

Q33 442 – 34 = 408
408 ÷ 6 ⇒ 68 stamps

Q34 9 – 2 = 7
280 ÷ 7 = 40
2 x 40 = 80
280 + 80 ⇒ 360 cm

Q35 (a) 10 x 330 = 3300
3300 + 800 = 4100
4100 ml ⇒ 4 ℓ 100 ml

(b) 4100 – 590 = 3510
3510 ml ⇒ 3 ℓ 510 ml

Q36 (a) 2 x 5 = 10
21 + 10 ⇒ 31 sticks

(b) 66 – 6 = 60
60 ÷ 5 = 12
12 + 1 ⇒ Figure 13

End

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