

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.

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

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

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

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

smallest

greatest

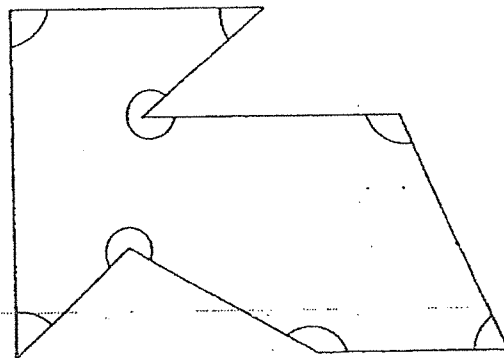
(1) $\frac{1}{4}, \frac{5}{12}, \frac{2}{3}$

(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?



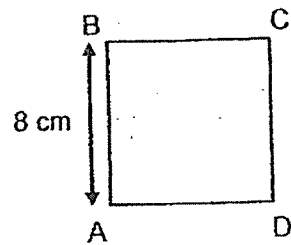
(1) 1

(2) 2

(3) 7

(4) 4

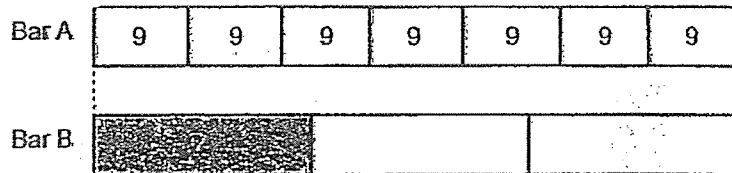
9. The figure below is a square. The length of AB is 8 cm. What is the area of the square?



- (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

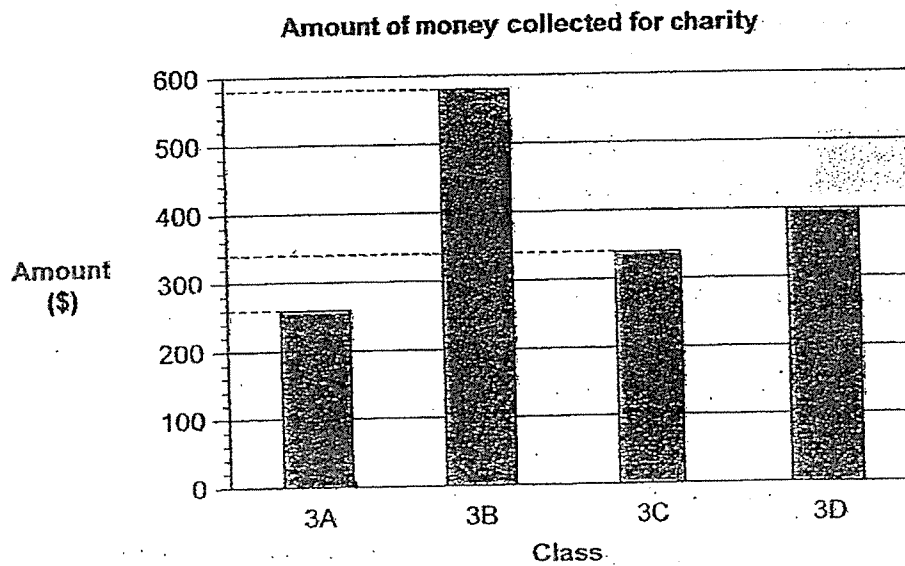
12. Look at the model given below. The length of Bar A and Bar B is the same. Bar B is made up of 3 equal parts.



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

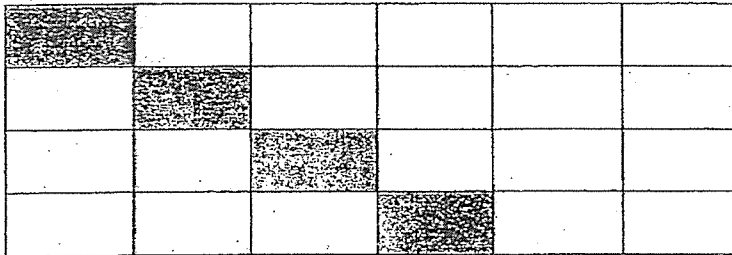
The bar graph below shows the amount of money collected for charity by some Primary 3 classes.



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

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

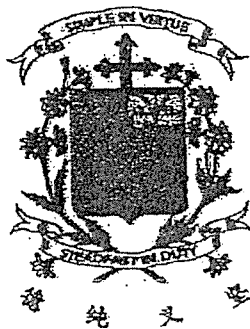


- (1) 1
(2) 6
(3) 7
(4) 10

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.

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.

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16. What is the value of $9003 - 1279$?

Ans : _____

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

4930 , 4690 , 4450 , 4210 , ? , 3730

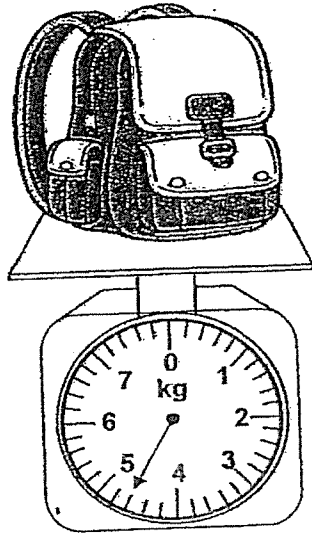
Ans : _____

18. _____ + \$3.95 = \$10

Ans : \$ _____



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



Ans : _____ kg _____ g

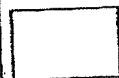
20. $\frac{1}{4} + \frac{5}{8} =$?

Ans : _____

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

H A M L E T

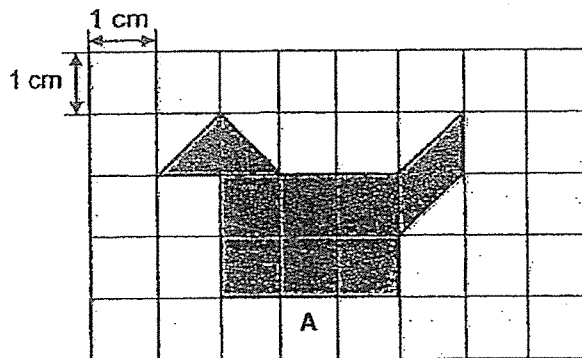
Ans : _____ and _____



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22. What is the area of Figure A below?

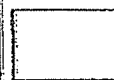
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Ans : _____ cm²

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

Ans : _____



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?

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Ans : _____

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

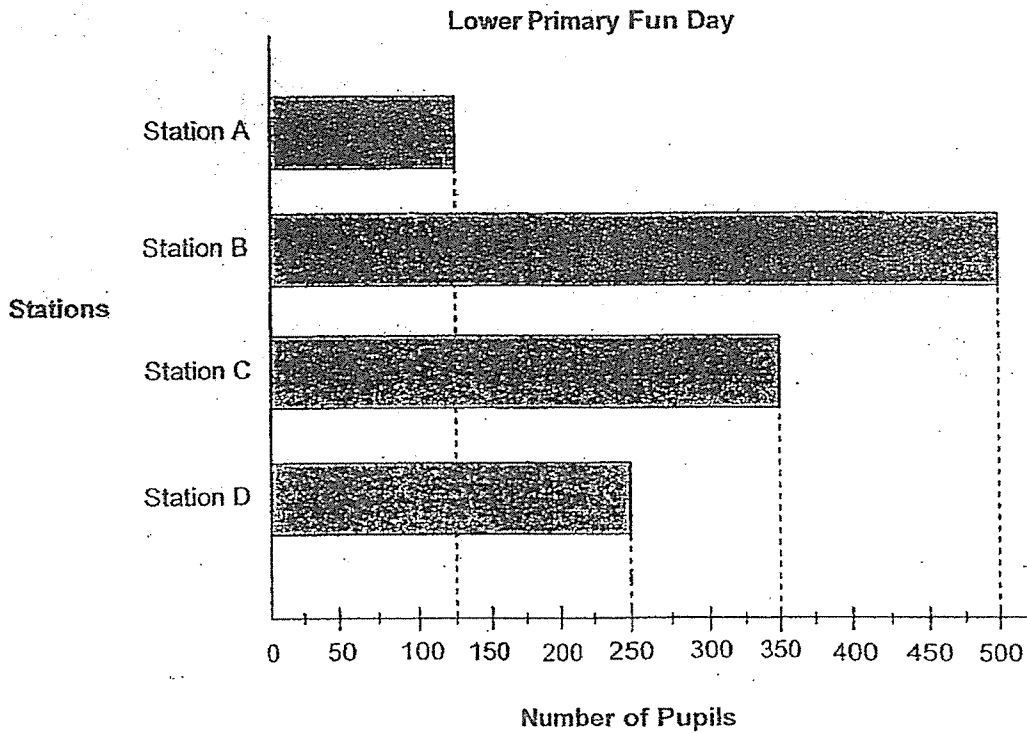
Ans: _____ p.m.



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.

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

Ans : _____

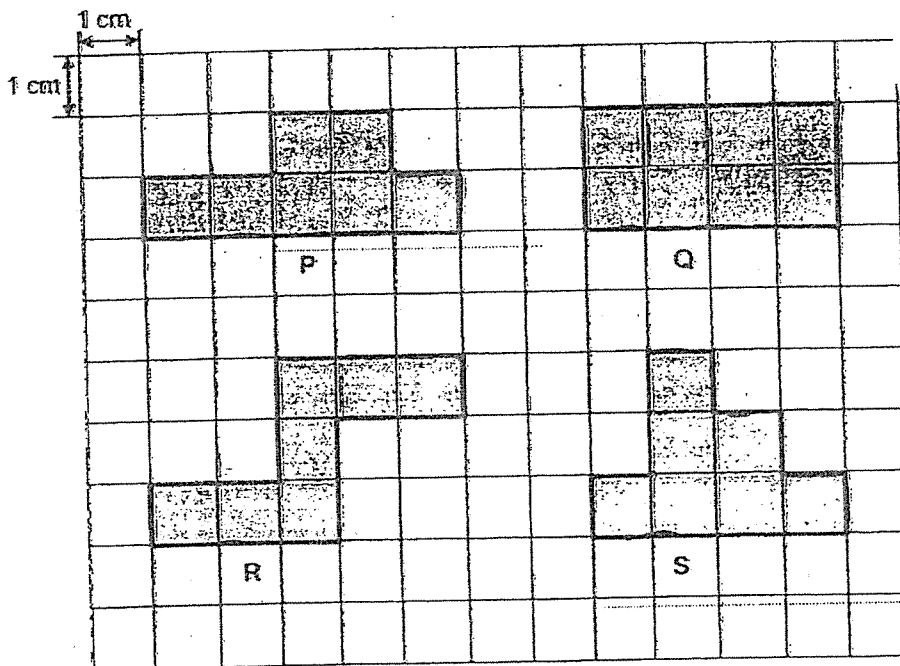
27. What is the missing number?

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

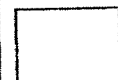
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Ans: _____

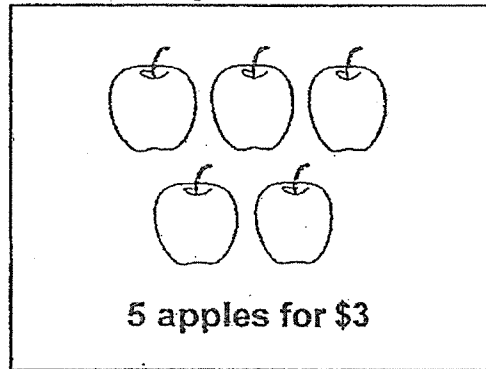
28. Which of the 2 figures below have the same perimeter?



Ans: Figures _____ and _____



29. Mrs Devi paid \$24 for some apples.



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

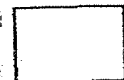
Statement	True	False
Mrs Devi bought 40 apples.		
If Mrs Devi had bought 30 apples instead, she would have spent \$4 less.		



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?

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Ans : _____



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.

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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]

☐

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

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Ans : _____ [3]

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?

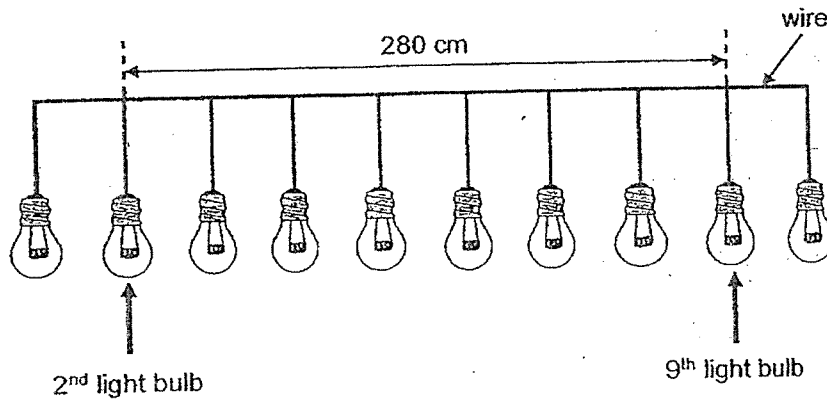
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Ans : _____ [3]

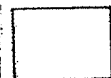
☐

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 : _____



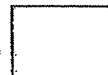
35. Molly had 800 ml of apple juice for a party at first. She bought another 10 bottles of apple juice for the party. Each bottle contained 330 ml of apple juice. She served the apple juice to her guests and had 590 ml of apple juice left.

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space

- (a) What was the total amount of apple juice she had for the party?
(b) How much apple juice was served to the guests?

Ans : (a) _____ [2]

(b) _____ [2]



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



Figure 1



Figure 2



Figure 3

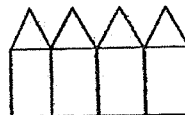


Figure 4

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?

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Ans : (a) _____ [2]

(b) Figure _____ [2]

End of Paper

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 cm²

Q23 193

Q24 116 stickers

Q25 5.06 p.m.

Q26 A

Q27 15

Q28 Figures P and S

Q29 ✓ True

✓ False

Q30 5

Section C

Q31 $960 - 395 = 565$
 $960 + 565 \Rightarrow \underline{1525 \text{ children}}$

Q32 $180 - 30 = 150$
 $150 \div 2 \Rightarrow \underline{75 \text{ cookies}}$

Q33 $442 - 34 = 408$
 $408 \div 6 \Rightarrow \underline{68 \text{ stamps}}$

Q34 $9 - 2 = 7$
 $280 \div 7 = 40$
 $2 \times 40 = 80$
 $280 + 80 \Rightarrow \underline{360 \text{ cm}}$

Q35 (a) $10 \times 330 = 3300$
 $3300 + 800 = 4100$
 $4100 \text{ ml} \Rightarrow \underline{4 \ell 100 \text{ ml}}$

(b) $4100 - 590 = 3510$
 $3510 \text{ ml} \Rightarrow \underline{3 \ell 510 \text{ ml}}$

Q36 (a) $2 \times 5 = 10$
 $21 + 10 \Rightarrow \underline{31 \text{ sticks}}$

(b) $66 - 6 = 60$
 $60 \div 5 = 12$
 $12 + 1 \Rightarrow \text{Figure } \underline{13}$

End