Primary 3 Mathematics 2024
End of Year Practice Paper

NAME : _____( ) DATE : _____

CLASS : _____

50

Section A

Questions 1 to 6 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 (OAS). All diagrams are not drawn to scale. (12 marks)

1. What is 9 m 8 cm in centimetres?

(1) 908 cm
(2) 980 cm
(3) 9008 cm
(4) 9800 cm ( )

---

2. Find the sum of 1999 and 4001.

(1) 5000
(2) 5990
(3) 6000
(4) 6990 ( )

---

3. Roy bought a packet of stickers for $11.30 and had $4.50 left. How much money did he have before he bought the packet of stickers?

(1) $6.80
(2) $7.20
(3) $15.20
(4) $15.80 ( )

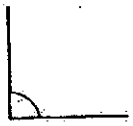
---

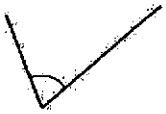
4. 8 groups of _____ = 4 x 10

(1) 5
(2) 6
(3) 10
(4) 40 ( )

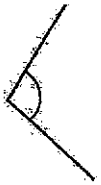
---

5. Which of the following marked angles is an obtuse angle?

(1) 

(2) 

(3)

(4) 

( )

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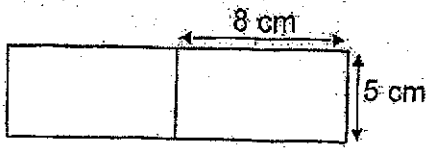
6. The length of a rectangular card is 8 cm. Its breadth is 5 cm. What is the perimeter of two such cards placed side by side?



(1) 26 cm
(2) 32 cm
(3) 42 cm
(4) 47 cm

( )

END OF SECTION A

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Section B

Questions 7 to 12 carry 1 mark each. Show your working clearly in the space and write the correct answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (6 marks)

7. What is two thousand and eleven in numerals?

Ans: _____

8. 607 x 9 = _____

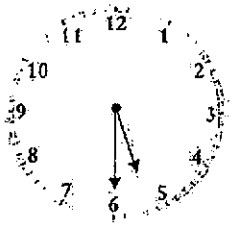
Ans: _____

9. $48.70 and [?] make $100.
What is the missing value in the box?

Do not write in this space

Ans: $_____

10. Robert swam in the evening and stopped swimming at the time shown on the clock. The clock was 10 minutes slow. What was the actual time he stopped swimming?



Ans: _____ p.m.

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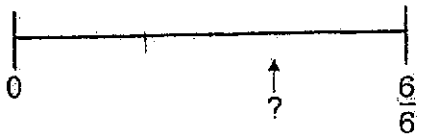
11. The number line below is marked at equal intervals. What fraction is shown by the arrow? Express your answer in its simplest form.



Ans: _____

12. What is the quotient when 403 is divided by 6?

Ans: _____

Total marks for questions 7 to 12 — 6

Questions 13 to 22 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (20 marks)

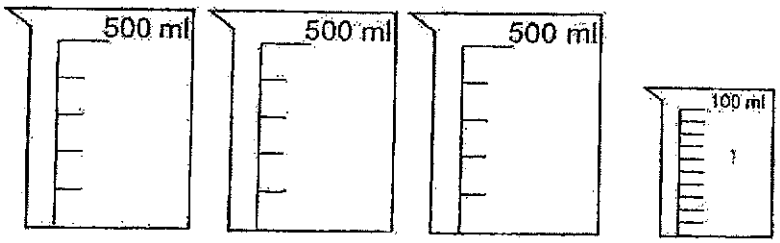
Do not write in this space

13. Study the number pattern below. What is the missing number in the box?

100, 150, 350, 400, [?], 650, 850

Ans: _____

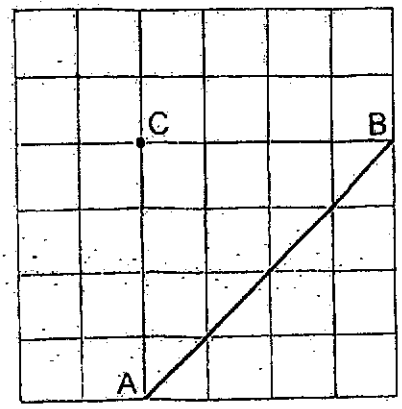
14. What is the total volume of water in the beakers shown below? Express your answer in litres and millilitres.



Ans: _____ ℓ _____ ml

15. Line AB is drawn in a square grid. Draw a line perpendicular to line AB that passes through point C.

Do not write in this space

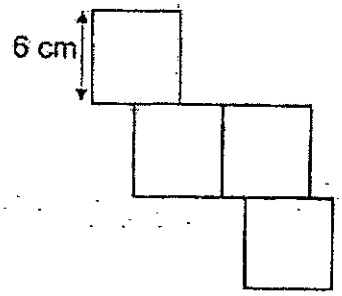


16. Harold bought 4 boxes of pens. There were 10 pens in each box. He repacked all the pens equally into 8 bags. How many pens were there in each bag?

Ans: _____

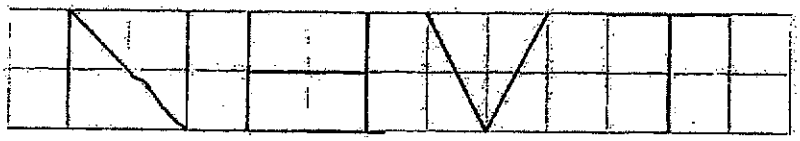
17. The figure below is made up of 4 identical squares. Each side of the square is 6 cm. What is the area of the figure?

Do not write in this space



Ans: _____ cm^2

18. In the diagram below, the letters N, H, V and T are drawn in a square grid. Name the letter that contains both parallel and perpendicular lines.



Ans: _____

19. Arrange the following fractions in order. Begin with the greatest.

$$\frac{7}{10}, \quad \frac{1}{3}, \quad \frac{3}{5}, \quad \frac{3}{8}$$

Ans: _____, _____, _____, _____
greatest

20. The bar graph below shows the number of Primary 1, Primary 2 and Primary 3 students who visited the Art gallery in a week. Study the graph carefully and answer questions 20(a) and 20(b).

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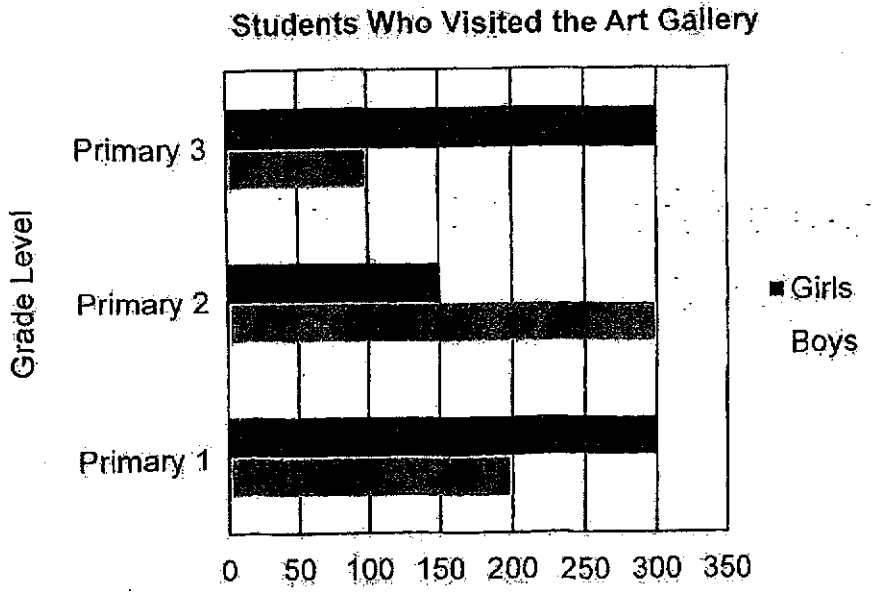

(a) Which grade level has the highest number of students who visited the Art gallery?

Ans: Primary _____

(b) What was the total number of boys who visited the Art gallery?

Ans: _____

21. Find the missing numerator and denominator in the boxes below for (a) and (b).

$$\frac{2}{7} = \frac{8}{\boxed{(a)}} = \frac{\boxed{(b)}}{42}$$

Ans: (a)_____

(b)_____

22. An aeroplane left Singapore at 22 40 and reached Hong Kong at 03 05 the following day. How long was the flight?
Express your answer in hours and minutes.

Ans: _____ h _____ min

Total marks for questions 22 to 35

28

END OF SECTION B

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Section C

For Questions 23 to 26, 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. All diagrams are not drawn to scale. (12 marks)

23. Mdm Goh bought some cherries. She gave 450 g of cherries to her neighbours. The remaining cherries were packed equally into 6 packets. Each packet had 620 g of cherries. What was the mass of the cherries Mdm Goh bought?
Give your answer in kilograms and grams.

Ans: _____ [3]

24. Mr Ong bought a fan and a photo frame. The fan cost $22.80. The fan cost $10.80 more than the photo frame. He gave the cashier a $50 note. How much change did Mr Ong receive?

Do not write in this space

Ans: _____ [3]

25. Adam has thrice as many cards as Ravi. Xiao Jie has twice as many cards as Adam. Xiao Jie has 280 more cards than Ravi. How many cards does Adam have?

Do not write in this space

Ans: _____ [3]

26. Toothpicks and dots are used to form figures that follow a pattern. The first three figures are shown below.

Do not write in this space

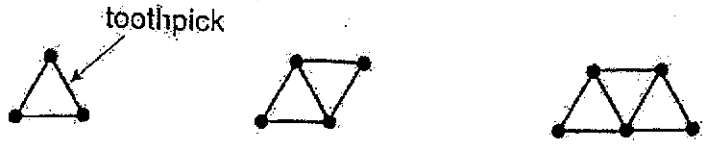


Figure 1 Figure 2 Figure 3

The table shows the number of toothpicks and dots used for each figure.

Figure Number	Number of dots	Number of toothpicks
1	3	3
2	4	5
3	5	7
4	6	

[1]

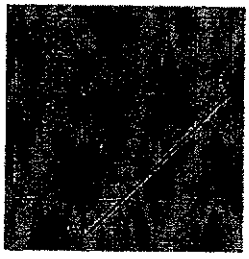
(a) Complete the table for Figure 4.

(b) Which Figure Number will have a total of 21 toothpicks?

Ans: (b)_____ [2]

END OF PAPER

SCHOOL : CATHOLIC HIGH SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : PRACTICE PAPER 2024

Q1)	1
Q2)	3
Q3)	4
Q4)	1
Q5)	4
Q6)	3
Q7)	2011
Q8)	5463
Q9)	$51.30
Q10)	5:40 P.M.
Q11)	$\frac{2}{3}$
Q12)	67
Q13)	600
Q14)	1 L 250 ml
Q15)	
Q16)	4 x 10 = 40 8 x 5 = 40 Ans : 5
Q17)	12 x 12 = 144cm2

Q18)	H
Q19)	$\frac{7}{10}, \frac{3}{5}, \frac{3}{8}, \frac{1}{3}$
Q20	a) Primary 1 b) 600
Q21)	a)28 b)12
Q22)	4 h 25 min
Q23)	620 x 6 = 3720 3720 + 450 = 4170 = 4 kg 170g
Q24)	\$22.80 – \$10.80 = \$12.00 \$22.80 + \$12.00 = \$34.80 \$50.00 – \$34.80 = \$15.20
Q25)	5u = 280 1u = 56 56 x 3 = 168
Q26)	a)9 b)10

CATHOLIC HIGH SCHOOL

END-OF-YEAR EXAMINATION (2024)

PRIMARY THREE

MATHEMATICS

Name : _____( )

Class : Primary 3_____

Date : 22 October 2024

Total time : 1 h 30 min

26 questions

50 marks

Parent's signature : _____

SECTION A	12
SECTION B	26
SECTION C	12
Total Marks	50

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 16 printed pages.

Section A

Questions 1 to 6 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 (OAS). All diagrams are not drawn to scale. (12 marks)

1. Express 6 ℓ 8 mℓ in mℓ.

(1) 608 mℓ
(2) 680 mℓ
(3) 6008 mℓ
(4) 6800 mℓ ( )

2. Find the product of 322 and 7.

(1) 44
(2) 46
(3) 2144
(4) 2254 ( )

3. 3 groups of _____ = 4 x 9

(1) 1
(2) 12
(3) 3
(4) 36 ( )

4. Which one of the following fractions is greater than $\frac{1}{2}$?

(1) $\frac{4}{7}$

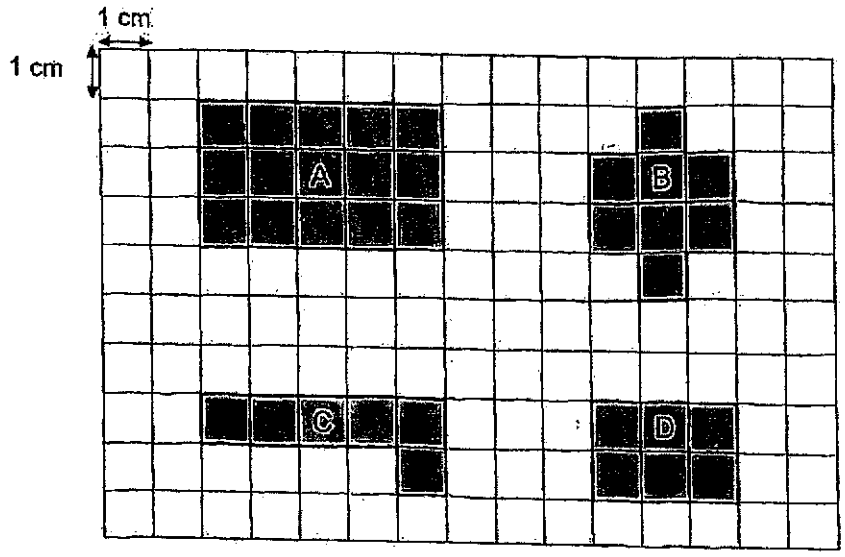
(2) $\frac{5}{10}$

(3) $\frac{3}{7}$

(4) $\frac{2}{5}$ ( )

---

5. Figures A, B, C and D are made up of 1-cm squares. Which two figures have the same perimeter?



(1) A and B
(2) B and C
(3) C and D
(4) D and A ( )

---

6. Mabel had the following coins in her coin pouch.

She took out 3 coins from her pouch and counted them. Which of the following amounts could **not** be taken out from her pouch?

(1) $0.45
(2) $0.75
(3) $0.85
(4) $1.15 ( )

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Section B

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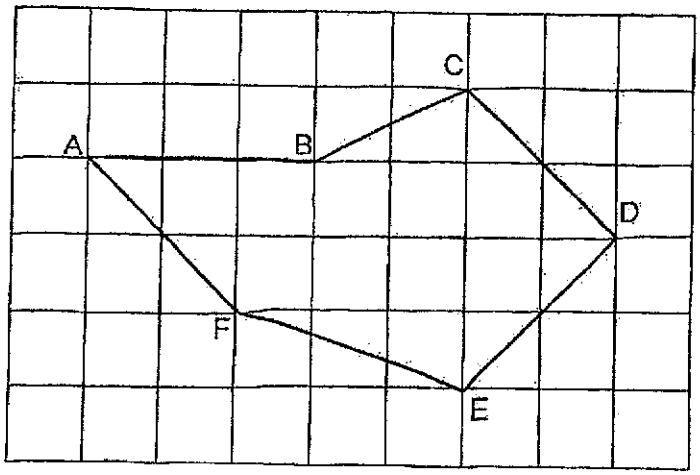
Questions 7 to 12 carry 1 mark each. Show your working clearly in the space and write the correct answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (6 marks)

7. Write seven thousand and forty-nine in numerals.

Ans: _____

8. The figure below is drawn in a square grid. Study the figure below.



Name a line perpendicular to CD.

Ans: _____

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9. What is the mass of the bag of potatoes on the weighing scale? Express your answer in kg and g.

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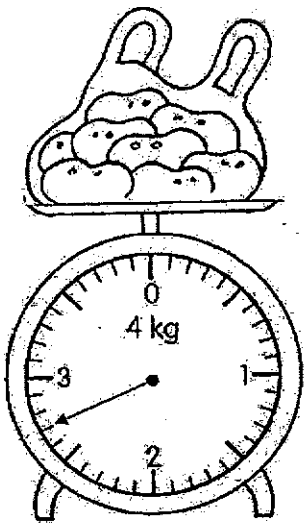
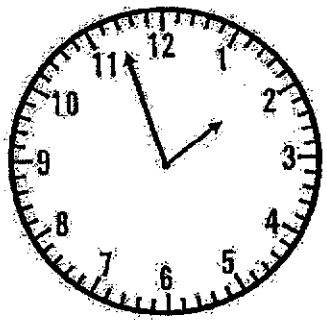


Ans: _____ kg _____ g

10. Peter completed his homework in the afternoon at the time shown on the clock. What time did Peter complete his homework? Give your answer in 24-hour clock.



Ans: _____

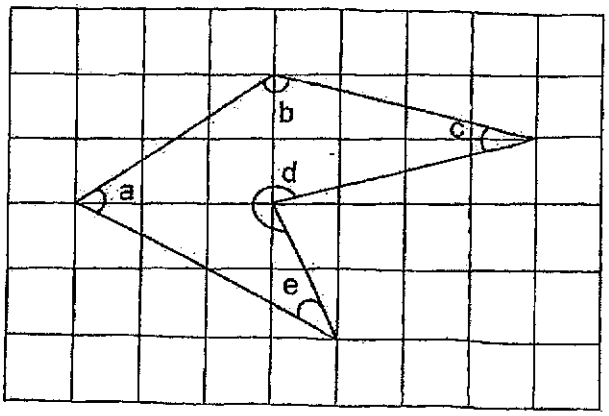
(Go on to the next page)

11. $\$ \boxed{?} - \$25.18 = \$74.90$

Do not write in this space

Ans: $\$$_____

12. The following figure is drawn in a square grid. Name all the acute angles in the figure.



Ans: $\angle$_____

Total marks for questions 7 to 12 6

(Go on to the next page)

Questions 13 to 22 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (20 marks)

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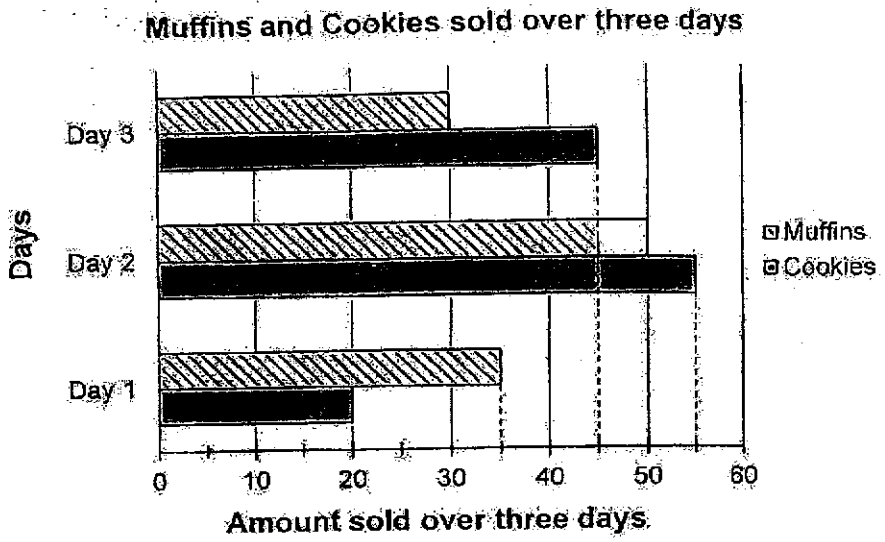
13. The bar graph shows the number of muffins and cookies sold by a shop over three days. Study the graph carefully and answer question 13(a) and 13(b).



(a) On which day did the shop sell more muffins than cookies?

Ans: (a) Day_____

(b) How many cookies did the shop sell over three days?

Ans: (b) _____

(Go on to the next page)

14. What is the remainder when 737 is divided by 7?

Do not write in this space

Ans: _____

15. Study the number pattern below. What is the missing number in the box?

356, 1356, 1366, 2366, 2376, ? 3386, 4386, 4396

Ans: _____

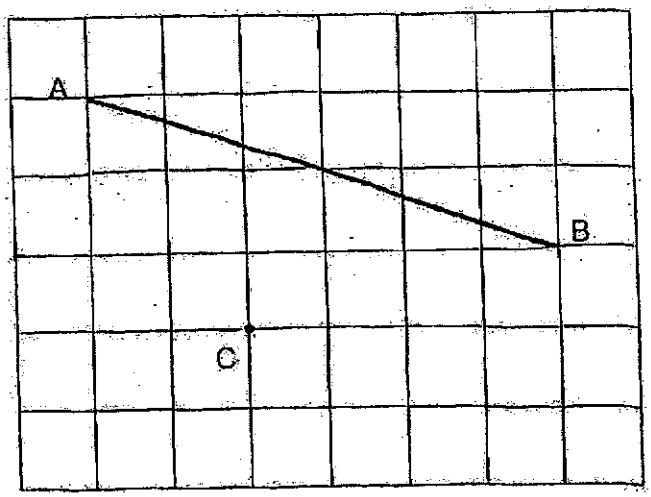
2

16. Find the value of $\frac{1}{12} + \frac{2}{3}$. Express your answer as a fraction in its simplest form.

Ans: _____

17. Line AB is drawn on a square grid. Draw a line parallel to line AB and passes through point C.

Do not write in this space



18. Find the missing numerator and denominator in the boxes below for (a) and (b).

$$\frac{4}{11} = \frac{\boxed{(a)}}{33} = \frac{20}{\boxed{(b)}}$$

Ans: (a)_____

(b)_____

(Go on to the next page)

19. Jimmy went for a run in the park. His watch was 15 minutes slow. The run lasted 135 min. According to his watch, he stopped running at 8.05 p.m. What was the actual time he started his run?

Do not write in this space.

Ans: _____ p.m.

20. The difference between two numbers is 1406. The greater number is 2034. What is the sum of the two numbers?

Ans: _____

(Go on to the next page)

21. Xin Li had 11 m of string. She cut the string into 9 equal pieces with 263 cm left. What was the length of each piece of string?

Do not write in this space

Ans: _____ cm

22. 153 story books were shared among Alvin, Bala and Caleb. Alvin received twice as many story books as Bala. Caleb received fewer story books than Bala.

Each of the statements below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
(a) Alvin has more story books than Caleb.			
(b) Caleb received only 9 story books.			

Total marks for questions 13 to 22 20

END OF SECTION B

(Go on to the next page)

Section C

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For Questions 23 to 26, 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. All diagrams are not drawn to scale. (12 marks)

23. Anne paid $720 for a pair of shoes and a belt. The pair of shoes cost 4 times as much as the belt. She also bought a shirt which cost $45 more than the belt. How much did the shirt cost?

Ans: _____ [3]

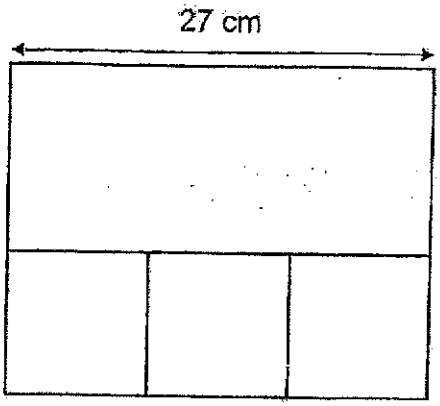
24. Pete had 1037 marbles. Ken had 1527 marbles. Pete then bought some more marbles. Ken had 285 fewer marbles than Pete in the end. How many marbles did Pete buy?

Do not write in this space

Ans: _____ [3]

25. The figure below is made up of a rectangle and 3 identical squares. The length of the rectangle is 27 cm. Find the area of each square.

Do not write in this space



Ans: _____ [3]

26. Lines and dots are used to form the following figures that follow a pattern. The first three figures are shown below.

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Figure 1

Figure 2

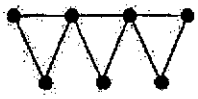


Figure 3

The table shows the number of lines and dots used for each figure.

Figure Number	Number of dots	Number of lines
1	3	3
2	5	6
3	7	9
4	9	(a)

[1]

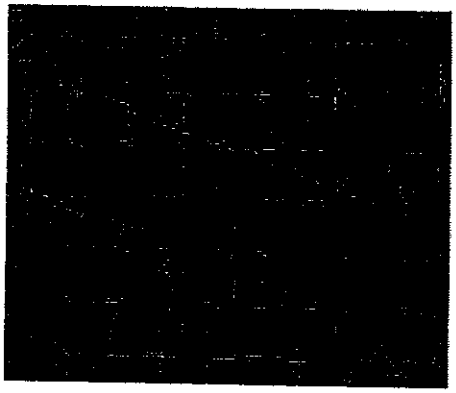
(a) Complete the table for Figure 4.

(b) Which Figure Number will have a total of 51 dots?

Ans: (b) _____ [2]

END OF PAPER

SCHOOL : CATHOLIC HIGH SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2024 SA2

Q1)	3
Q2)	4
Q3)	2
Q4)	1
Q5)	2
Q6)	3
Q7)	7049
Q8)	DE / CD
Q9)	2kg 700g
Q10)	1357
Q11)	$100.08
Q12)	<a,e,c
Q13)	a)1 b)120
Q14)	2
Q15)	3376
Q16)	¾
Q17)	

Q18)	a)12 b)55
Q19)	8.05 + 15 = 8.20 8.20 – 2h 15 min =6.05 p.m.
Q20	2034 – 1406 = 628 2034 + 628 = 2662
Q21)	1100 – 263 = 837 837 ÷ 9 = 93 cm
Q22)	a) true b) Not possible to tell
Q23)	720 ÷ 5 = 144 144 x 4 = 576 576 + 144 = 720 144 + 45 = $189
Q24)	1527 – 1037 = 490 490 + 285 = 775
Q25)	27 ÷ 3 = 9 9 x 9 = 81 cm2
Q26)	a)12 b)25