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.

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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)

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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 ( )

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

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

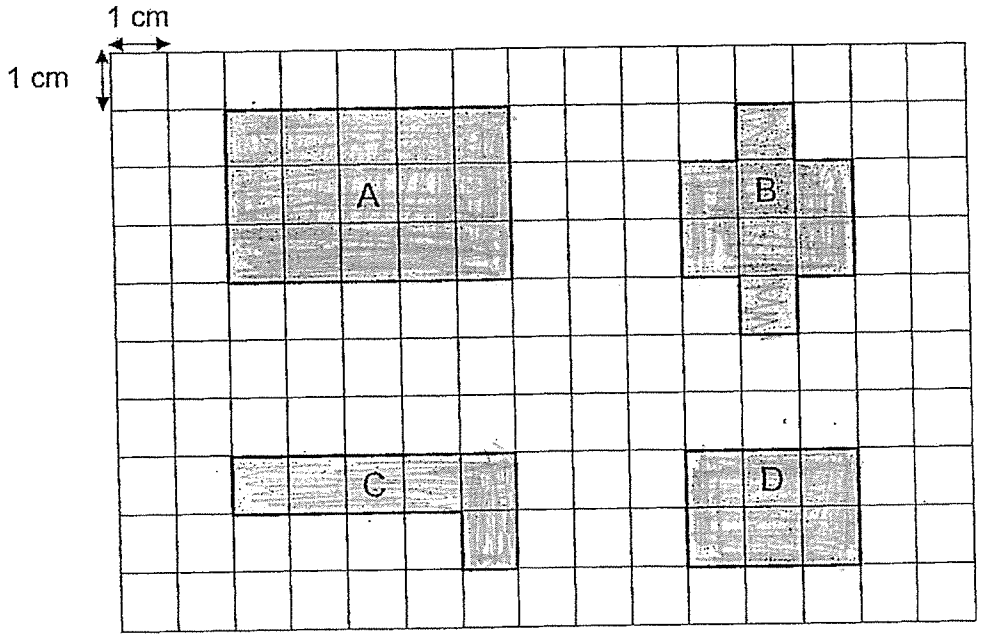
(2) $\frac{5}{10}$

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

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

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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

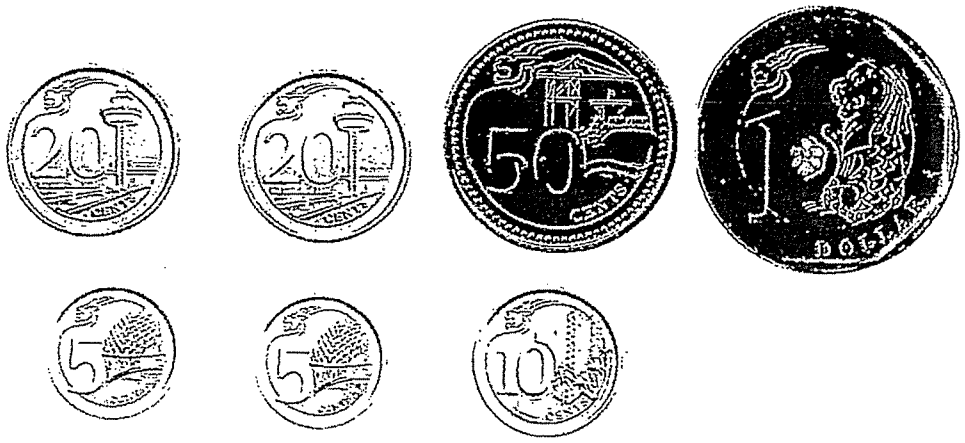
(2) B and C

(3) C and D

(4) D and A ( )

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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

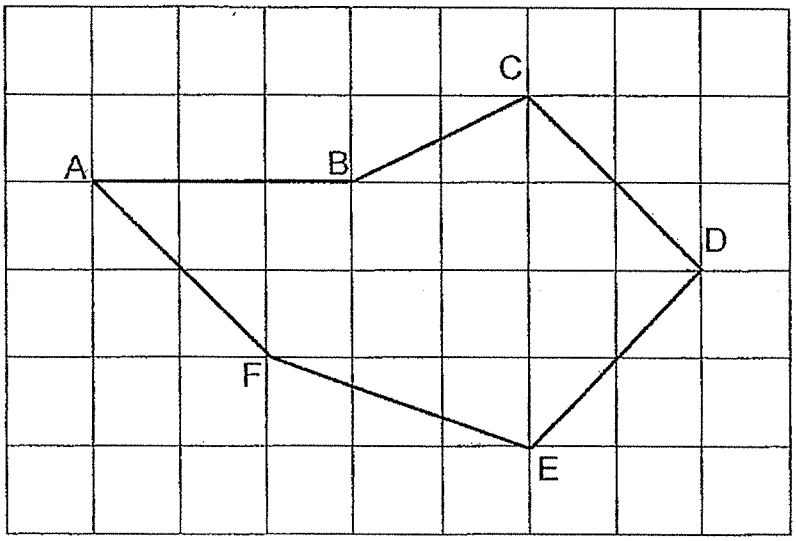
Do not write in this space

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.



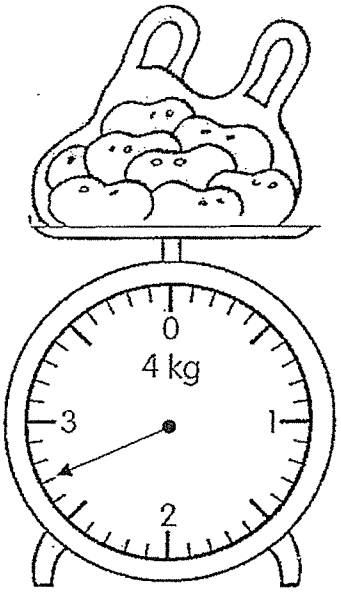
Name a line perpendicular to CD.

Ans: _____

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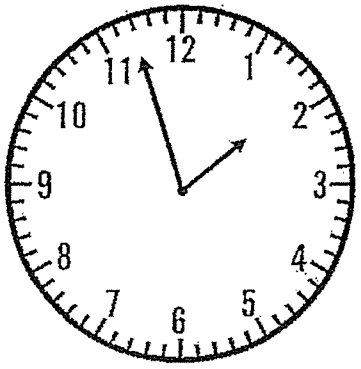
9. What is the mass of the bag of potatoes on the weighing scale? Express your answer in kg and g.

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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: _____

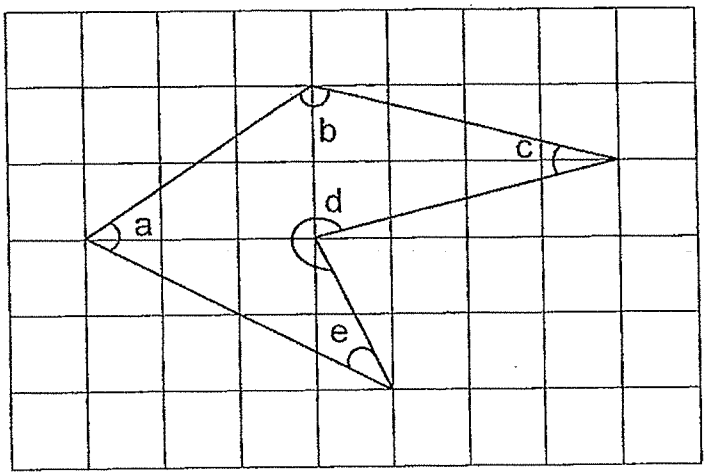
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11. $\$ \boxed{?} - \$25.18 = \$74.90$

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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

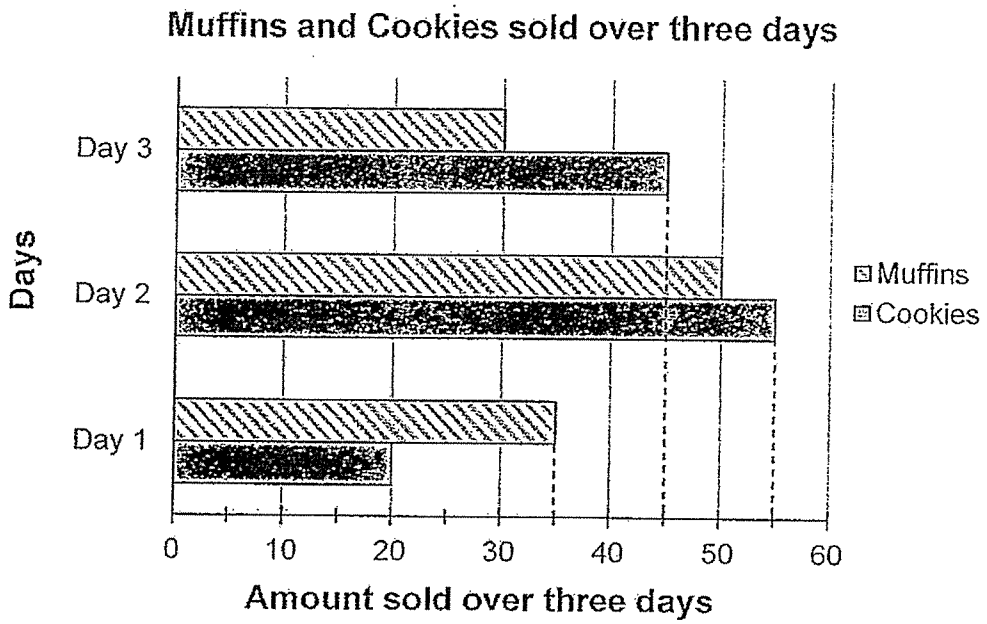
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Questions **13** to **22** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (20 marks)

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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) _____

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

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Ans: _____

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

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

Ans: _____

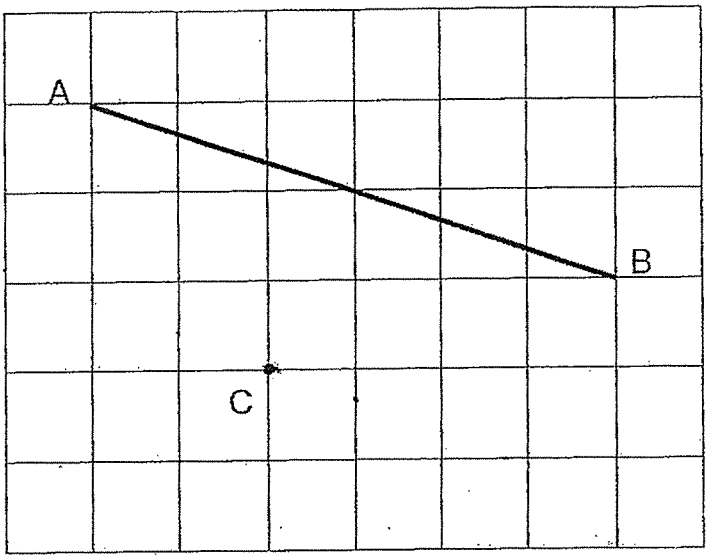
16. Find the value of $\frac{1}{12} + \frac{2}{3}$. Express your answer as a fraction in its simplest form.

Ans: _____

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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)_____

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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?

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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: _____

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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?

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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

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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]

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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?

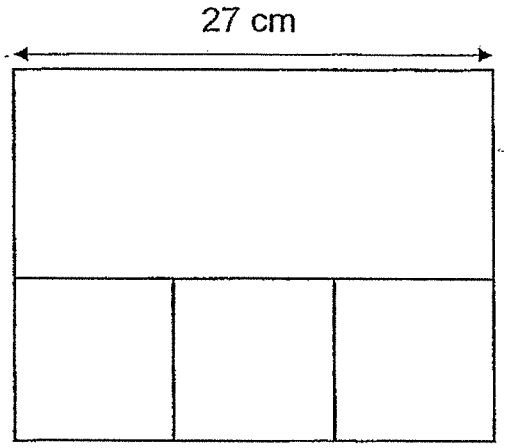
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Ans: _____ [3]

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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]

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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

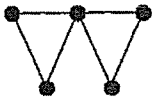


Figure 2

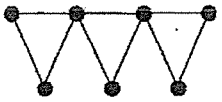


Figure 3

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]

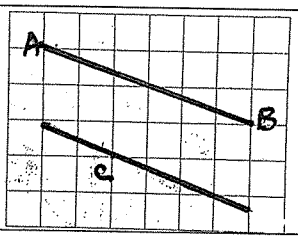
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YEAR : 2024
LEVEL : PRIMARY 3
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

Q1	**3**	**Q2**	**4**	**Q3**	**2**
Q4	**1**	**Q5**	**2**	**Q6**	**3**

Q7	7049	Q8	DE
Q9	2kg 700g	Q10	1357
Q11	100.08	Q12	a,e and c
Q13	a) 1 b) 20+55+45=120	Q14	$737 \div 7 = 105R2$ Ans: 2
Q15	2376+1000=3376	Q16	$\frac{1}{12} + \frac{2}{3} = \frac{9}{12} = \frac{3}{4}$
Q17		Q18	a) 12 b) 55
Q19	6.05p.m.	Q20	2034-1406=628 2034+628=2662
Q21	11m=1100cm 1100cm-263=837 $837 \div 9 = 93$	Q22	a) true b) not possible to tell
Q23	$700 \div 5 = 144$ 144+45=189	Q24	1527+285=1812 1812-1037=775
Q25	$27 \div 3 = 9$ 9x9=81	Q26	a) 12 b) 51-9=42 $42 \div 2 = 21$ 4+21=25

1

END

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