PAYA LEBAR METHODIST GIRLS' SCHOOL (PRIMARY)

2024 END-OF-YEAR EXAMINATION

PRIMARY THREE

MATHEMATICS
Paper 1

Name: _____ ( )

Class: Primary 3 _____

Date: 24 October 2024

Total Time for Sections A, B and C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all the instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.
5. All the figures in this paper are **not drawn to scale** unless stated otherwise.

	Marks Obtained / Maximum Marks
SECTION A	/ **15**
SECTION B	/ **18**
SECTION C	/ **17**
TOTAL	/ **50**

PARENT'S SIGNATURE: _____

Questions **1** to **5** carry 1 mark each and questions **6** to **10** 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. (15 marks)

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1. In 5906, what does the digit 9 stand for?

(1) 9 (2) 90

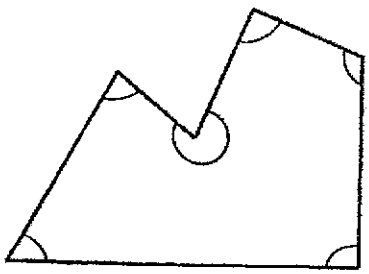
(3) 900 (4) 9000 ( )

2. Express 8 km 60 m in metres.

(1) 806 m (2) 860 m

(3) 8060 m (4) 8600 m ( )

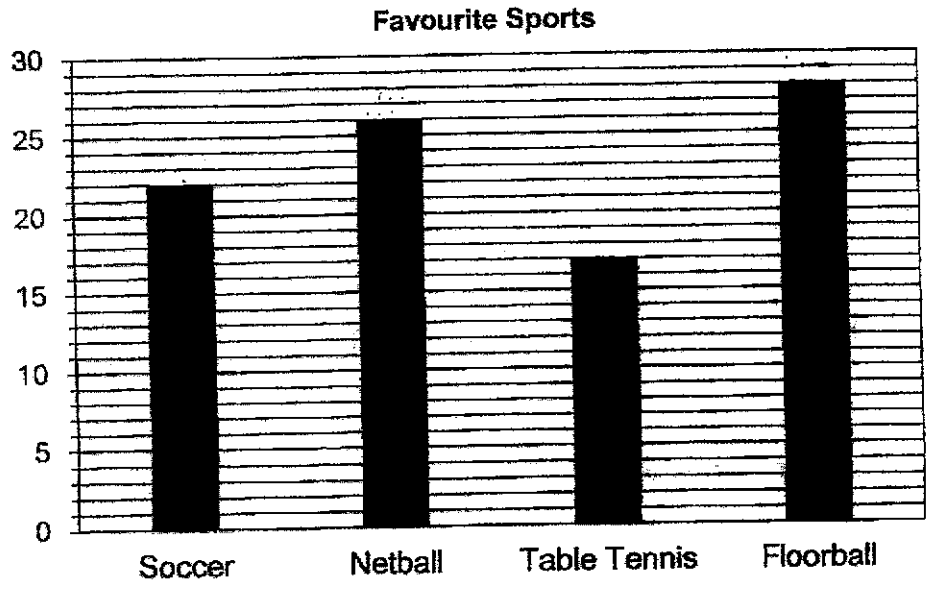
3. How many of the marked angles are right angles?



(1) 1 (2) 2

(3) 3 (4) 4 ( )

4. The bar graph below shows the favourite sports of a group of children.

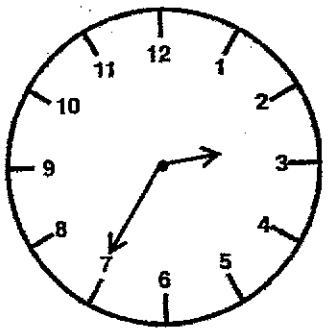


Which is the most popular sport?

(1) Soccer (2) Netball

(3) Table Tennis (4) Floorball ( )

5. Mrs Tee left the supermarket at the time shown below.
She reached home 20 minutes later.
At what time did she reach home?



(1) 14 35 (2) 14 55

(3) 15 35 (4) 15 55 ( )

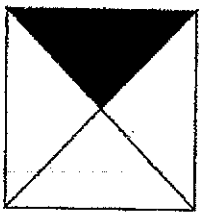
6. What is the missing number in the number pattern below?

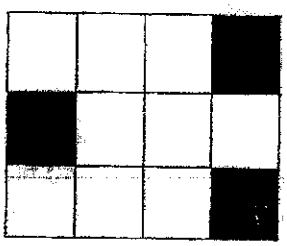
2076	2086	2096	?	2116	2126

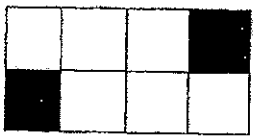
(1) 2006 (2) 2016

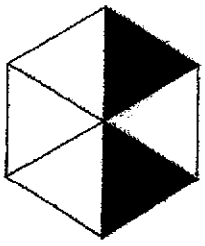
(3) 2106 (4) 2196 ( )

7. Which of the following figures does **not** show $\frac{1}{4}$ of the figure shaded?

(1) 

(2) 

(3) 

(4) 

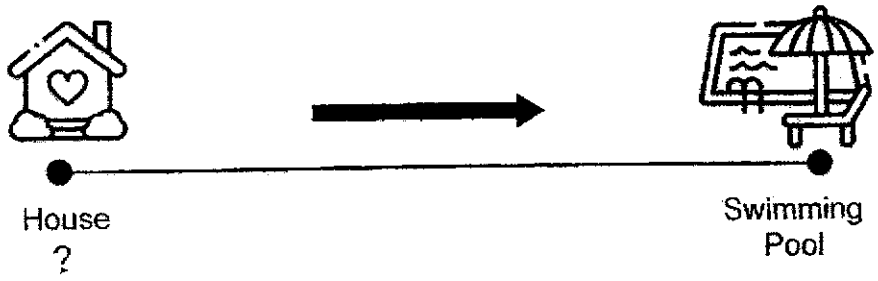
( )

8. Randal has 114 pies. He wants to pack 9 pies into each box.
What is the **least** number of boxes Randal needs to pack all the pies?

(1) 19 (2) 18

(3) 13 (4) 12 ( )

9. Mrs Ling took 35 min to walk from her house to the swimming pool.
She arrived at the swimming pool at 3:45 pm.
What time did Mrs Ling leave her house?



(1) 3:00 pm (2) 3:10 pm

(3) 4:15 pm (4) 4:20 pm ( )

10. Alex and Faye had some files each. Alex had 34 files.
After Faye had given away 40 files, she had 18 files fewer than Alex.
What was the number of files Faye had at first?

(1) 58 (2) 56

(3) 52 (4) 50 ( )

End of Booklet A

PAYA LEBAR METHODIST GIRLS' SCHOOL (PRIMARY)

2024 END-OF-YEAR EXAMINATION

PRIMARY THREE

MATHEMATICS
Paper 2

Name: _____ ( )

Class: Primary 3 _____

Date: 24 October 2024

Total Time for Sections A, B and C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all the instructions carefully.
3. Answer all questions.
4. All the figures in this paper are **not** drawn to scale unless stated otherwise.

	Marks Obtained / Maximum Marks
SECTION B	/ 18
SECTION C	/ 17
TOTAL	/ 35

Section B:

Questions **11** to **16** carry 1 mark each and questions **17** to **22** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (18 marks)

Do not write in this space

11. (a) Write eight thousand, three hundred and fifty-six in numerals.

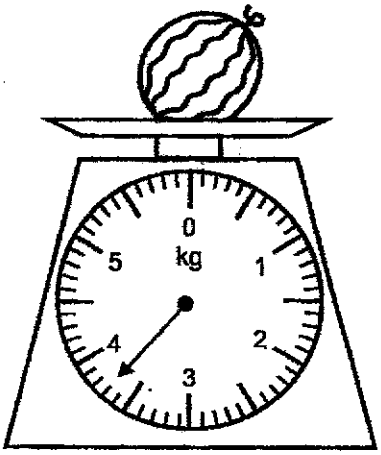
Ans (a): _____

(b) Using all four digits, form the greatest 4-digit even number.

1	8	3	2

Ans (b): _____

12. Study the diagram below.
What is the mass of the watermelon?
Give your answer in grams.



Ans: _____ g

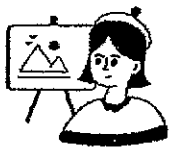
13. What is the missing number in the box?

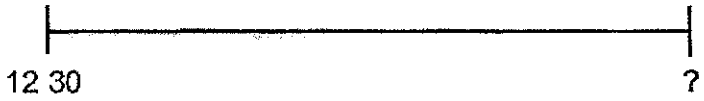
$$\frac{4}{5} = \frac{\boxed{?}}{30}$$

Ans: _____

Do not write in this space

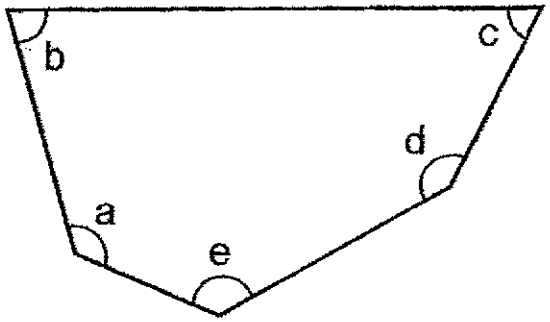
14. Doreen started her art lesson at 12 30.
Her art lesson lasted for 1 h 15 min.
What time did her art lesson end?





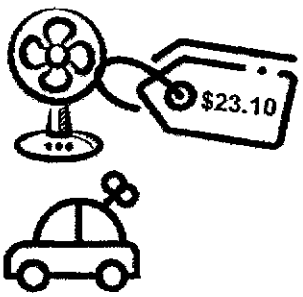
Ans: _____

15. Name the three obtuse angles in the figure below.



Ans: ∠_____, ∠_____ and ∠_____

16. A fan costs $23.10.
A toy car costs $10.80 less than the fan.
How much does the toy car cost?



Do not write in this space

Ans: $ _____

17. At a carnival, there were 1527 boys and 2315 girls.
How many children were there altogether at the carnival?

Ans: _____

18. What do the digits A and B represent?

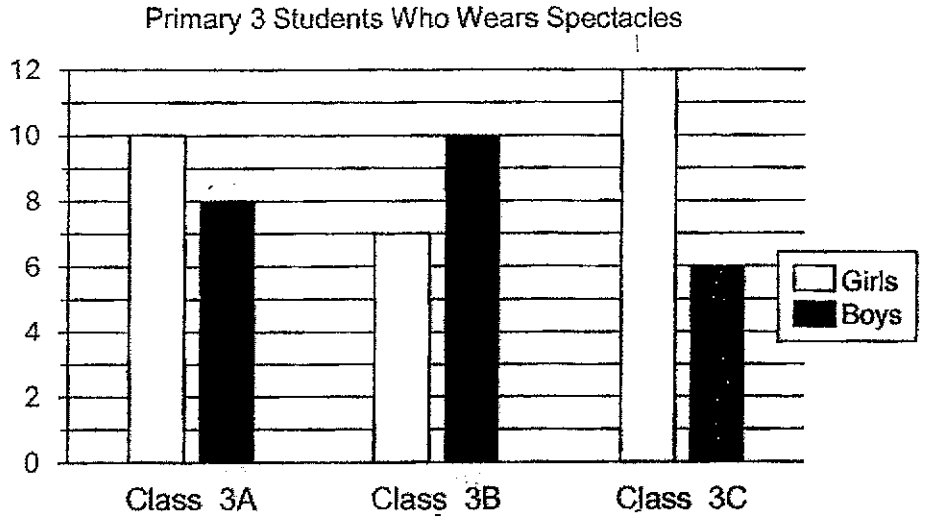
$$\begin{array}{cccc} & 4 & 5 & 8 \\ \times & & & \mathbf{A} \\ \hline 1 & \mathbf{B} & 3 & 2 \\ \hline \end{array}$$

Ans: (A) _____

(B) _____

19. The bar graph below shows the number of Primary 3 students who wear spectacles.

Do not write in this space



(a) Which class has fewer girls than boys who wear spectacles?

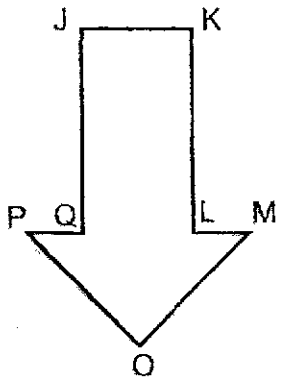
Ans: (a) Class _____

(b) Which class has twice as many girls as boys who wear spectacles?

Ans: (b) Class _____

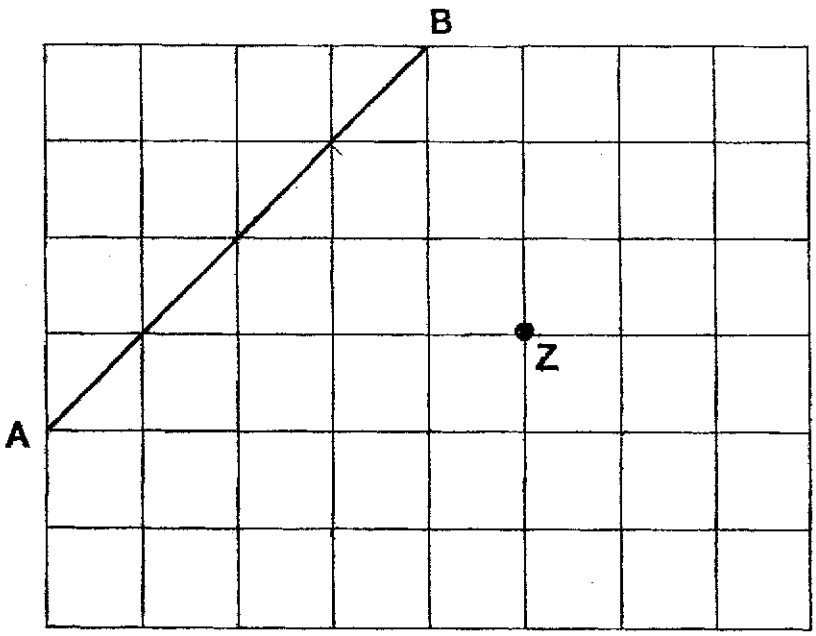
20. (a) Identify a pair of parallel lines for the figure below.

Do not write in this space



Ans(a): _____ // _____

(b) In the grid, draw a line perpendicular to AB and passing through Z.



21. Ronald spent $12.75 on Monday and $4.65 on Tuesday.
He had $36.70 left in his wallet at the end of Tuesday
How much money did Ronald have at first on Monday?

Do not write in this space

Ans: $ _____

22. Larry and Megan shared a piece of ribbon.
Larry used $\frac{1}{4}$ of the ribbon. Megan used $\frac{5}{12}$ of the same ribbon.
What fraction of the piece of ribbon did they use altogether?
Express your answer in its simplest form.

Ans: _____

Section C:

For questions **23** to **27**, show your working clearly in the space provided for each question. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

Equations must be written. Marks will be awarded for correct methods and answers. (17 marks)

Do not write in this space

23. Avery, Betty and Caylee made some cookies.
Betty made 521 cookies.
Avery made 380 more cookies than Betty.
Caylee made 671 fewer cookies than Avery.

(a) How many cookies did Avery make?

Ans: (a) _____ [1]

(b) How many cookies did Caylee make?

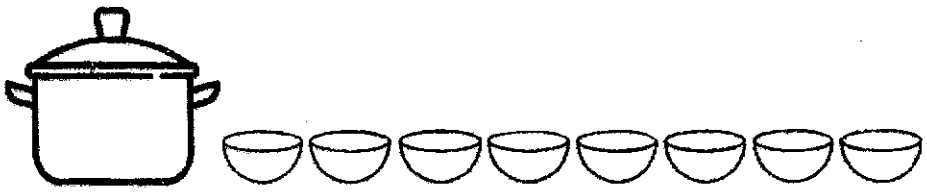
Ans: (b) _____ [2]

24. There are a total of 815 tables in Hall X, Hall Y and Hall Z.
There are 7 fewer tables in Hall X than Hall Y.
There are 4 times as many tables in Hall Z than Hall Y.
How many tables are there in Hall Y?

Do not write in this space

Ans: _____ [3]

25. Mrs Chan poured some soup from a pot into 8 similar bowls.
Each bowl had a capacity of 260 mℓ.
She had 1ℓ 70 mℓ of soup left in the pot.
How much soup did Mrs Chan have in the pot at first?
Give your answer in litres and millilitres.



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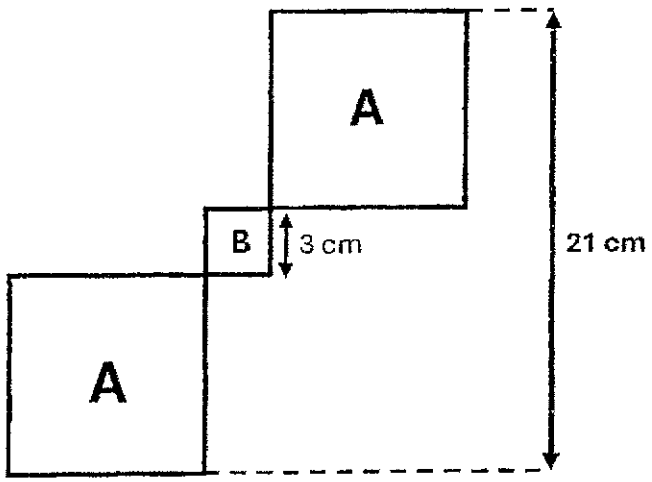
Ans: _____ [3]

26. Jasmine draws a figure as shown below.
It is made up of 2 identical square A and 1 square B.
The length of square B is 3 cm.



Do not write in this space

(a) What is the perimeter of square B?

Ans: (a)_____ [1]

(b) What is the area of 1 square A?

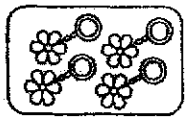
Ans: (b)_____ [3]

27. A shop sells keychains at the prices shown.

Do not write in this space

1 keychain costs $5.

1 box of 4 keychains costs $13.



Special Offer:

Buy 2 boxes of keychains, get 1 keychain free!

(a) Sally bought only 3 keychains. How much did she pay for them?

Ans: (a) _____ [1]

(b) Eryn wants to buy 14 keychains.
What is the **least** amount of money she needs to buy them?

Ans: (b) _____ [3]

End of Paper

LEVEL : PRIMARY 3

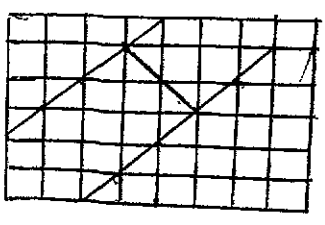
SCHOOL : PAYA LEBAR METHODIST GIRLS' SCHOOL(PRIMARY)

SUBJECT : MATHEMATICS

TERM : SA2

YEAR : 2024

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	2	4	2	3	4	3	2	2

Q11	a)8356 b)8312
Q12	3700g
Q13	24
Q14	1345
Q15	a,d,e
Q16	23.10-10.80=12.30
Q17	3842
Q18	a) 4 b) 8
Q19	a) 3B b) 3c
Q20	a) **JQ //KL** b) 

Q21	12.75+4.65+36.70 = 54.10
Q22	$\frac{2}{3}$
Q23	a) 521+380 =901 b) 901-671 =230
Q24	815+7 = 822 822÷6 = 137
Q25	2080+1070= 3150ml = 3litre 150ml
Q26	a) 3+3+3+3 = 12 b) 9×9 =81cm^2
Q27	a) 3×5 = 15 b) $44