PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SEMESTRAL ASSESSMENT

PRIMARY 3
MATHEMATICS PAPER
22 OCTOBER 2024

Name: _____ ( )

Class: 3R_____

Parent's signature

Total time: 1h 30min

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Register No. in the spaces provided above.
2. DO NOT turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
6. Write all your answers in this booklet.

Marks : 50

This booklet consists of 16 printed pages, excluding the cover page.

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Section A: Multiple Choice Questions (15 marks)

Questions **1** to **5** carry 1 mark each. 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1 In 3780, the digit 7 is in the _____ place.

(1) ones

(2) tens

(3) hundreds

(4) thousands ( )

2 Which digit in the two numbers below has the same value?

1357	7153

(1) 1

(2) 5

(3) 3

(4) 7 ( )

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3 What is the missing number?

$$\frac{2}{5} = \frac{6}{\boxed{?}}$$

(1) 10

(2) 12

(3) 15

(4) 30 ( )

4 Write 4 kg 26 g in grams.

(1) 426 g

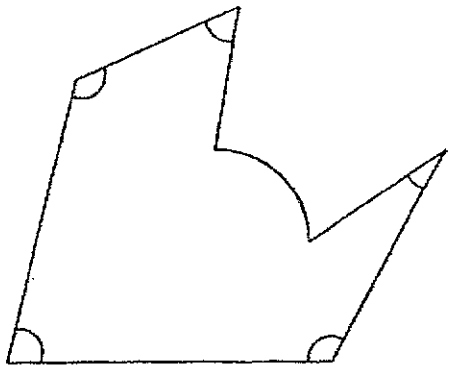
(2) 4026 g

(3) 4206 g

(4) 4260 g ( )

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5 How many of the marked angles inside the figure are acute angles?



(1) 5

(2) 2

(3) 3

(4) 4 ( )

6 What is the missing fraction?

$\frac{3}{7} < \frac{1}{2} < \boxed{?}$

(1) $\frac{1}{3}$

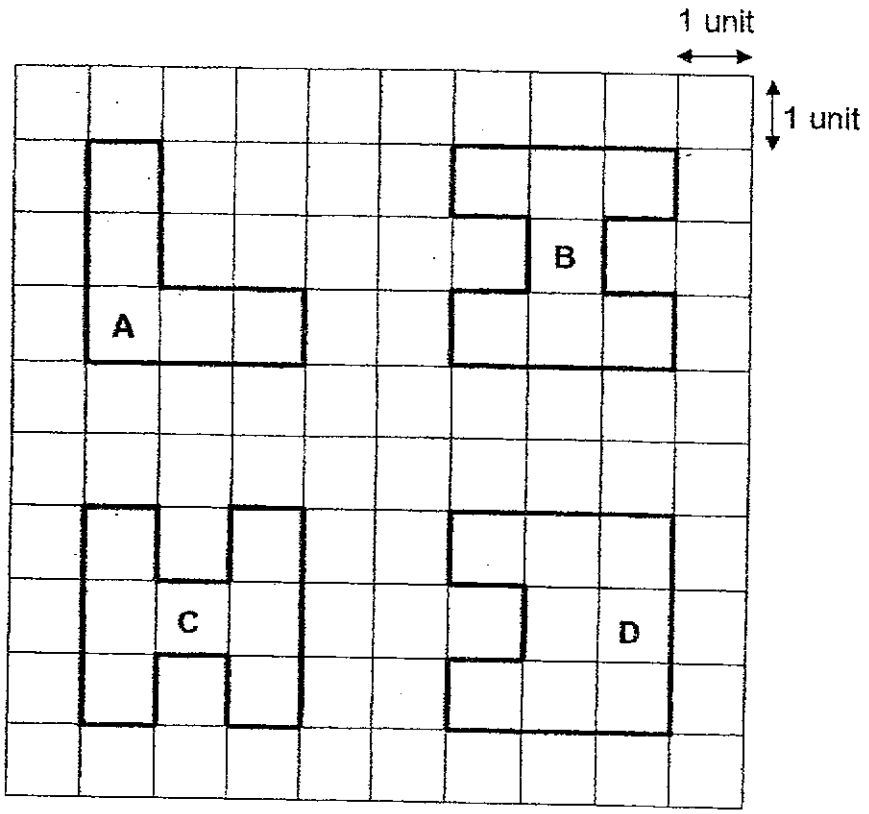
(2) $\frac{2}{5}$

(3) $\frac{3}{4}$

(4) $\frac{4}{9}$ ( )

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7 Which of the two figures have the same perimeter?



(1) A and C

(2) A and D

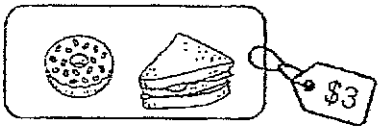
(3) B and C

(4) B and D

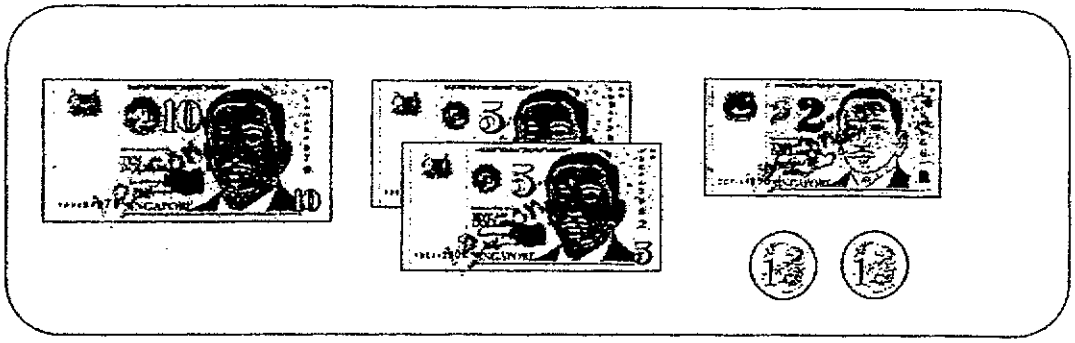
( )

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8 A bakery sold a set of doughnut and sandwich for a total of $3.



Ariel used all these notes and coins to pay for the items.



How many sets of doughnuts and sandwiches did Ariel buy in total?

(1) 16

(2) 12

(3) 8

(4) 4 ( )

9 Noah is 28 kg.
Jeremy is 3 kg lighter than Noah.
What is their total mass?

(1) 25 kg

(2) 31 kg

(3) 53 kg

(4) 59 kg ( )

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10 Zan had some stickers at first.
He gave 138 stickers to each of his 6 friends.
He had 3 stickers left.
How many stickers did Zan have at first?

(1) 26

(2) 825

(3) 828

(4) 831

( )

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Section B: Short Answer Questions (15 marks)

Questions **11** to **15** carry 1 mark each. Questions **16** to **20** carry 2 marks each.

Show your working clearly and write your answers in the spaces provided.

For questions which require units, give your answer in the units stated.

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11 What is five thousand and four in numerals?

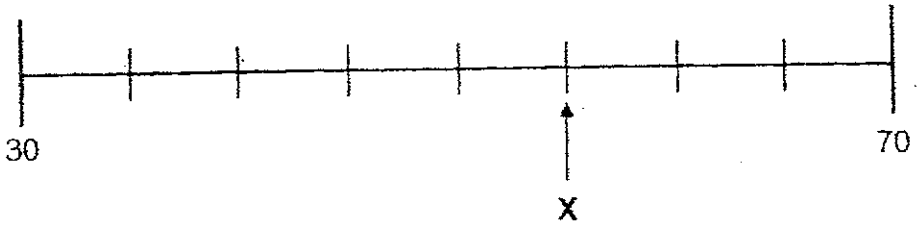
Ans: _____

12 What is the missing number in the pattern?

1620, 1720, 1820, 1920, [?], 2120

Ans: _____

13 In the number line, what is the value represented by **X** ?

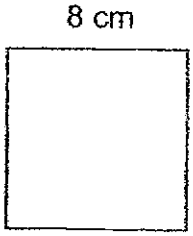


Ans: _____

3

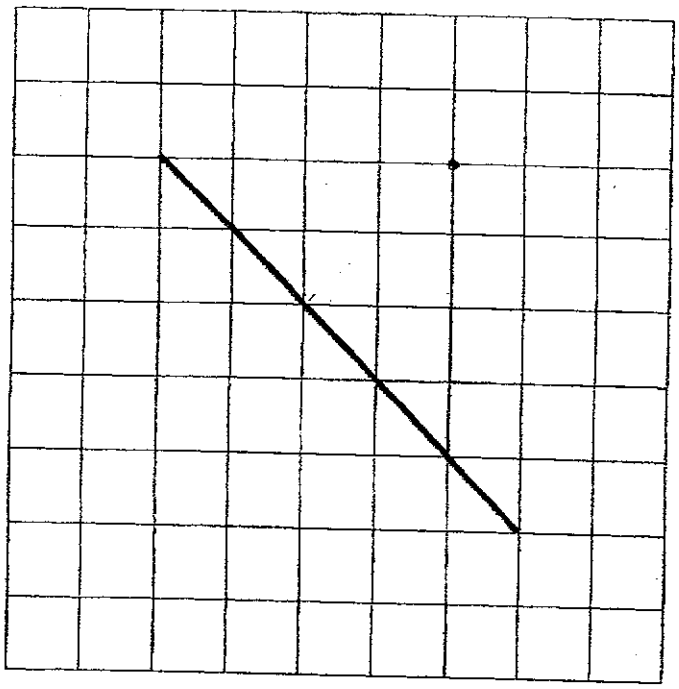
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14 What is the area of the square shown?



Ans: _____ cm^2

15 Draw a line perpendicular to the given line that passes through the point. Use a set-square to help you. Mark the right angle (⌞) for this pair of perpendicular lines.



2

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16 What are the missing fractions?

Express each fraction in its simplest form.

(a) $\frac{3}{5} - \frac{1}{10} = \boxed{?}$

Ans: (a) _____

(b) $\boxed{?} - \frac{1}{3} = \frac{5}{9}$

Ans: (b) _____

2

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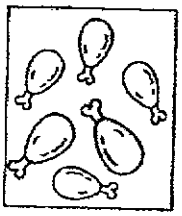
17 There are two numbers.
The difference between these two numbers is 786.
The greater number is 932.
Find the sum of these two numbers.

Ans: _____

18 There are 17 red apples and 20 green apples in a box.
How many apples are there in 7 similar boxes?

Ans: _____

19 Drumsticks are sold in boxes of 6.
Mrs Tan needs to get 70 drumsticks for a party.
What is the least number of boxes of drumsticks that Mrs Tan needs to buy?

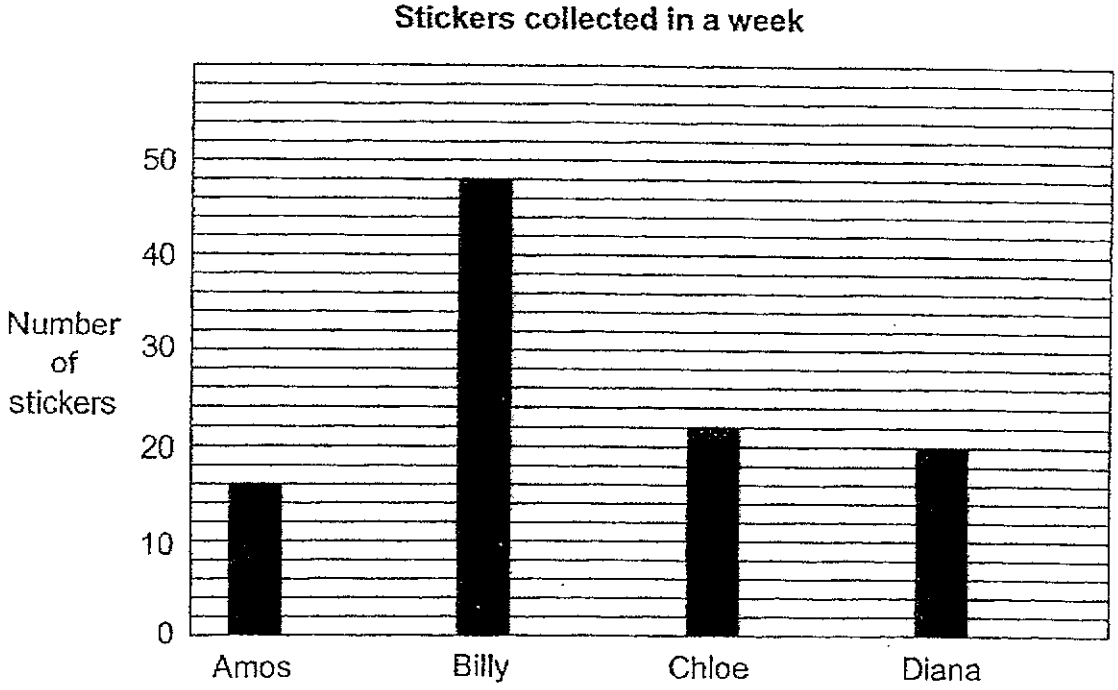


Ans: _____

6

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20 The graph shows the number of stickers collected by 4 students in a week.



(a) Who collected the least number of stickers?

Ans: (a) _____

(b) How many fewer stickers did Chloe collect than Billy?

Ans: (b) _____

2

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Section C: Long Answer Questions (20 marks)

For questions **21** to **25**, show your working and number statements clearly. 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.

Working

21 Iris had 5 times as many pencils as Bob.
They had 120 pencils altogether.

(a) How many pencils did Bob have?

Ans: (a) _____ [2]

(b) Iris and Bob decided to pack all the pencils they had equally into bags of 9.
How many pencils were left unpacked?

Ans: (b) _____ [2]

4

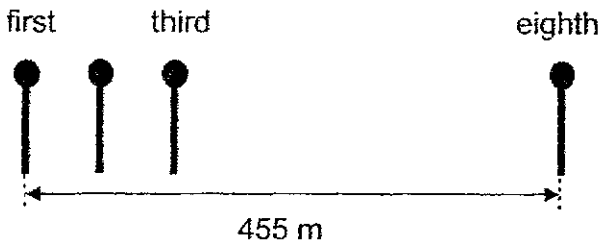
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Working

22 Coach Ong arranged 8 poles in the field.

The poles were placed at equal distance apart as shown.

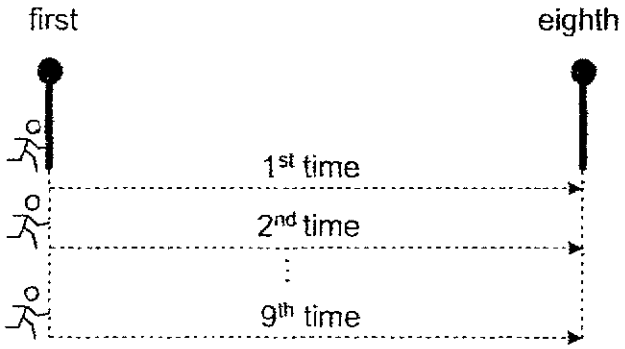
The distance between the first pole and the eighth pole was 455 m.



(a) What was the distance between the first and the third pole?

Ans: (a) _____[2]

(b) A runner was made to run from the first pole to the eighth pole for 9 times as part of his training.



What was the total distance he ran for the training?

Write your answer in km and m.

Ans: (b) _____[2]

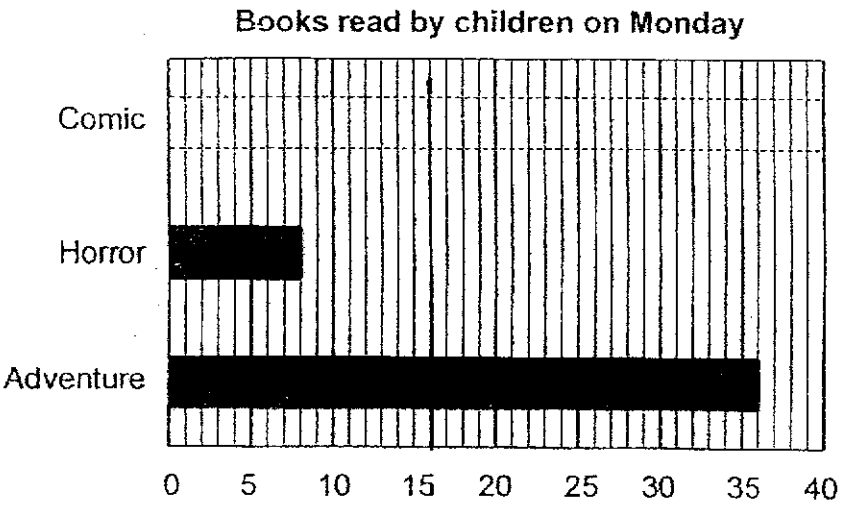
4

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Working

23 The graph shows the number of books read by some children on Monday.

The bar for comic books has not been drawn.



(a) How many horror books were read by the children?

Ans: (a) _____ [1]

(b) On Monday, the children read twice as many comic books as horror books.

Show your method and **draw the bar** for the number of comic books read by the children on Monday. [2]

Method:

(c) The children read 10 fewer adventure books on Tuesday than on Monday. How many adventure books were read by the children on Tuesday?

Ans: (c) _____ [1]

4

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Working

24 Both Vic and Dan were at the kitchen.

(a) Vic took 1 h 50 min to bake a pizza.
He started baking at 08 10.
What time did he finish baking the pizza?

Ans: (a) _____ [1]

(b) Dan took 30 minutes more than Vic to bake a cake.
How much time did Dan take to bake the cake?

Ans: (b) _____ [1]

(c) Dan finished baking the cake at 11 30.
What time did he start baking the cake?
Leave your answer in 24-hour clock.
Draw a timeline to represent the situation.

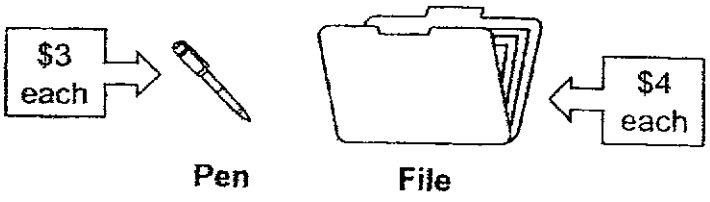
Ans: (c) _____ [2]

4

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Working

25 A shop sold pens and files as shown.



(a) Mrs Goh bought 15 files.
How much did she pay for the files?

Ans: (a) _____ [1]

(b) Mr Lim bought a total of 18 pens and files for $61.
How many pens and files did he buy?

Ans: (b) pens: _____
files: _____ [3]

4

(End of Paper)

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LEVEL : PRIMARY 3

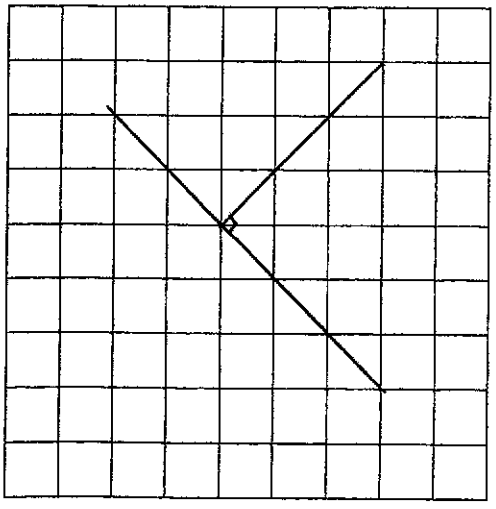
SCHOOL : PEI HWA PRESBYTERIAN PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

YEAR : 2024

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

Q11	5009
Q12	2020
Q13	55
Q14	8×8 = 64
Q15	
Q16	a) $\frac{1}{2}$ b) $\frac{8}{9}$

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Q17	1078
Q18	259
Q19	70÷6 =11r4 11+1 =12
Q20	a) **Amos** b) 26
Q21	a) 120÷6 = 20 b) 120÷9 = 13R3 Ans: 3
Q22	a) 455÷7 = 65 65×2 =130 b) 4km 95m
Q23	a) 8 b) 8×2 = 16 c) 36-10 =26
Q24	a)1000 b)2h20min c)0910
Q25	a)15×4 =60 b)11 pen 7 files

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