10

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END OF YEAR EXAMINATION 2024
PRIMARY 3
MATHEMATICS

BOOKLET A

Total Time for Booklets A to C: 1 hour 15 minutes

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.

Name: _____ ( )

Class: Primary 3._____

Date: 24 October 2024

This booklet consists of 5 printed pages including this page.

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) and shade your answer on the Optical Answer Sheet.
(15 marks)

---

1 Four thousand and ninety in numerals is_____.

(1) 4900
(2) 4090
(3) 4019
(4) 490

2 In 9875, the value of the digit 8 is _____.

(1) 8
(2) 80
(3) 800
(4) 8000

3 6132 + 2468 = _____

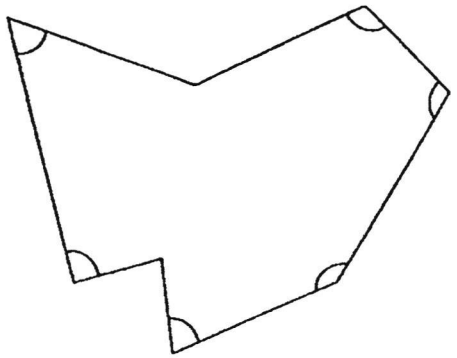
(1) 9500
(2) 8600
(3) 8590
(4) 8500

(Go on to the next page)

4 Which of the following is arranged from the greatest to the smallest?

(1) 653 , 635 , 536 , 563
(2) 536 , 563 , 635 , 365
(3) 365 , 356 , 563 , 536
(4) 653 , 635 , 563 , 536

5 In the figure, how many of the marked angles are acute?



(1) 6
(2) 2
(3) 3
(4) 4

6 3415, 3625, 3835, _____, 4255, 4465
What is the missing number in the pattern?

(1) 3045
(2) 3845
(3) 4035
(4) 4045

(Go on to the next page)

7 $\frac{4}{9} + \frac{1}{3} = \boxed{?}$

(1) $\frac{3}{6}$

(2) $\frac{5}{9}$

(3) $\frac{7}{9}$

(4) $\frac{5}{12}$

8 $\frac{12}{18} = \frac{8}{\boxed{?}}$

What is the missing number in the box?

(1) 10

(2) 12

(3) 14

(4) 24

9 How many whole numbers between 40 and 50 can be divided exactly by 6?

(1) 1

(2) 2

(3) 3

(4) 4

(Go on to the next page)

10 Melissa finished cleaning her room at 12 00. She spent 1 hour 50 minutes cleaning without taking any break. What time did she start cleaning?

(1) 13 50
(2) 11 50
(3) 10 50
(4) 10 10

(Go on to Booklet B)

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PRIMARY 3
MATHEMATICS

BOOKLET B

Total Time for Booklets A to C: 1 hour 15 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.

Name: _____ ( )

Class: Primary 3._____

Date : 24 October 2024

/18

This booklet consists of 7 printed pages including this page.

Questions **11** to **16** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (6 marks)

Do not write in this space

11 What is the remainder when 369 is divided by 7?

Ans: _____

12 Subtract 4825 from 7562.

Ans: _____

13 Form the greatest 4-digit even number that is less than 5000 using all the digits shown in the cards below.

3	8	4	7

Ans: _____

(Go on to the next page)

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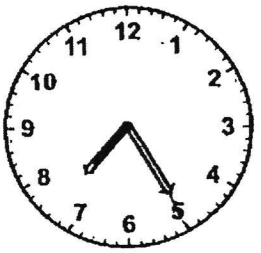
14 Kelvin had breakfast at the time shown on the clock below.

The clock was 5 minutes slow.

What was the actual time in the 24-hour clock?



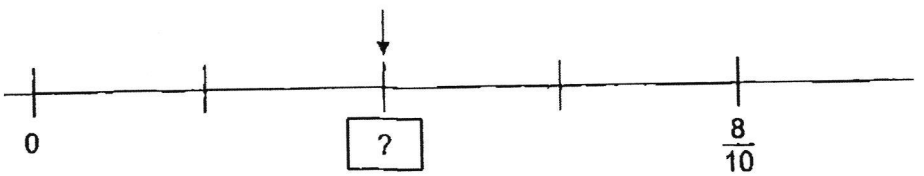
Ans: _____

15 Arrange the fractions in order, beginning with the greatest.

$\frac{2}{5}$, $\frac{2}{3}$, $\frac{7}{12}$

Ans: _____ (*greatest*) , _____ , _____ (*smallest*)

16 What is the missing fraction in the box?



Ans: _____

(Go on to the next page)

Questions 17 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. (12 marks)

Do not write in this space

17 Mrs Tan paid for her meal with a $50-note and got $14.30 change. How much did her meal cost?

Ans: $ _____

18 Chee Meng has 7 cups. He pours 86 g of sugar into each cup.

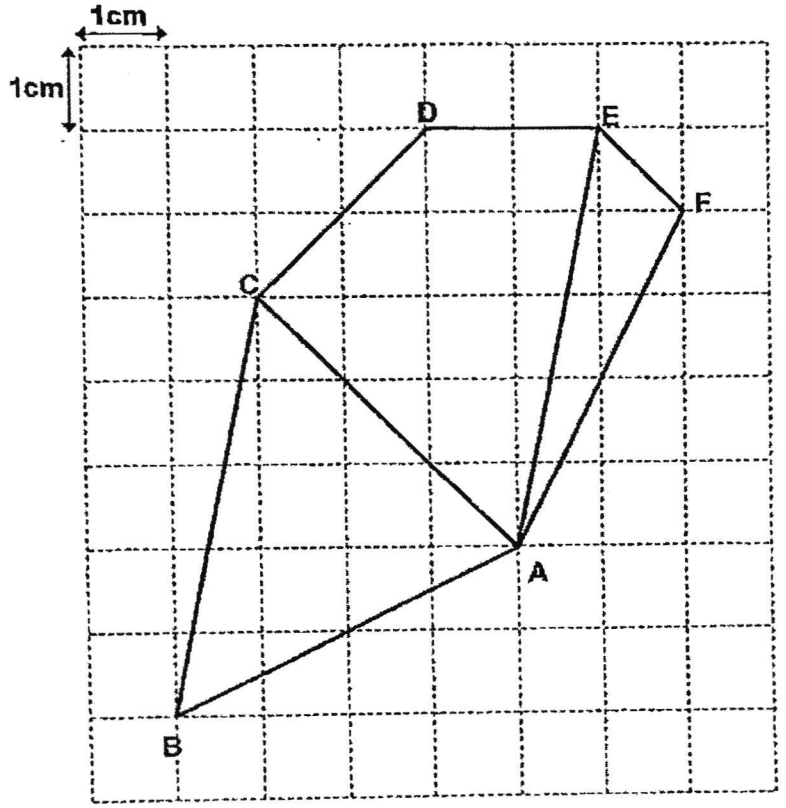
What is the total mass of sugar Chee Meng pours into all the cups?

Ans: _____ g

(Go on to the next page)

19 The figure below is drawn on a square grid.

Do not write in this space



(a) Name a line that is parallel to line BC.

Ans: (a) _____ [1]

(b) Name a line that is perpendicular to line AC.

Ans: (b) _____ [1]

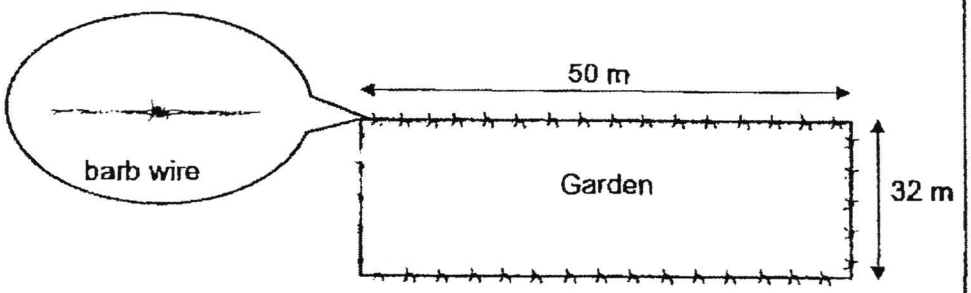
(Go on to the next page)

20 A minibus can take at most 8 passengers.
What is the least number of minibuses needed to take 158 passengers?

Do not write in this space

Ans: _____

21 Mr Lee wants to buy some barb wire to fence up his rectangular garden completely. The length of his garden is 50 m. Its breadth is 32 m.
What is the total length of barb wire Mr Lee needs to buy?



Ans: _____ m

(Go on to the next page)

22 The bar graph shows the number of tickets sold for a carnival for 3 weeks.

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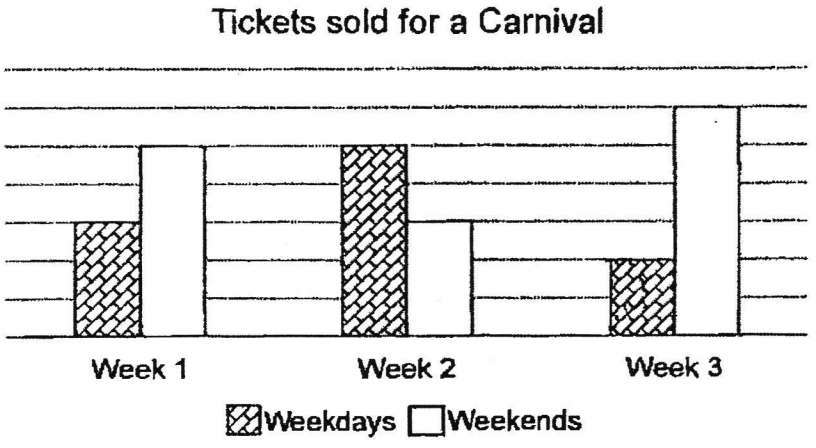

Based on the information from the bar graph, tick (✓) **True** or **False** for the statements below.

Statement	True	False
a) The total number of tickets sold every week is the same for all 3 weeks.		
b) In week 3, the number of tickets sold on the weekend is three times the number of tickets sold on the weekdays.		
c) There were fewer tickets sold on weekdays in week 2 than in week 3.		

(Go on to Booklet C)

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MATHEMATICS

Booklet C

Total Time for Booklets A to C: 1 hour 15 minutes

INSTRUCTIONS TO CANDIDATES

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Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet.

Name: _____ ( )

Class: Primary 3._____

Date : 24 October 2024

Parent's Signature: _____

Booklet A	**/ 15**
Booklet B	**/ 18**
Booklet C	**/ 17**
TOTAL	**/ 50**

This booklet consists of 6 printed pages including this page.

For questions **23** to **27**, 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. (17 marks)

Do not write in this space

23 Box A is 2550 g lighter than Box B.
Box B is 3400 g heavier than Box C.
Box C weighs 2 kg 180g.

(a) What is the mass of Box B?

Ans: (a) _____ [2]

(b) What is the mass of Box A?
Give your answer in kilograms and grams.

Ans: (b) _____ [2]

(Go on to the next page)

24 Ali sold 570 apples.
He sold 5 times as many apples as oranges.
He sold 38 fewer oranges than pears.

(a) How many oranges did Ali sell?

Ans: (a) _____ [2]

(b) How many pears did Ali sell?

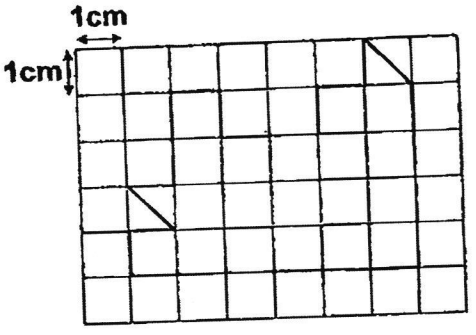
Ans: (b) _____ [2]

Do not write in this space

(Go on to the next page)

Do no
in this

25 The figure below is drawn in a square grid.

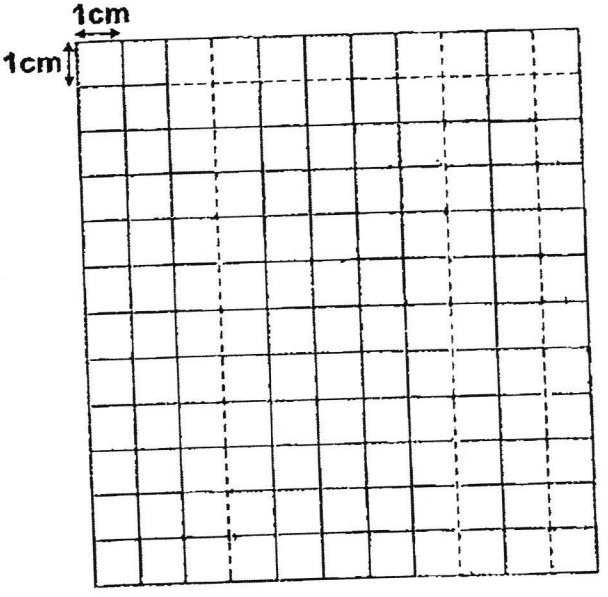


(a) What is the area of the shaded figure?

Ans: (a) _____ [1]

(b) In the square grid below, one side of the rectangle has been drawn for you.
Draw **three more** lines to complete the rectangle so that it has an area equal to the shaded figure in part (a).

What is the perimeter of the rectangle drawn?



Ans: (b) _____ [2]

26 Jerry keeps his picture cards in 4 boxes.
Each box holds 118 cards except for the last box.
The last box has only 79 cards.
How many picture cards does Jerry have altogether?

Do not write in this space

Ans: _____ [3]

27 In an auditorium, 159 people were seated to watch a performance at first. After the first performance, 27 of them left their seats.
Then, 4 times as many people as those who left their seats came in to occupy the remaining seats.
How many seats are there in the auditorium?

Do not write in this space

Ans: _____ [3]

END OF PAPER

SCHOOL : METHODIST GIRLS' SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATHEMATICS
TERM : SA2
CONTACT :

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

Q11	**5**
Q12	**2737**
Q13	**4738**
Q14	**0730**
Q15	$\frac{2}{3}, \frac{7}{12}, \frac{2}{5}$
Q16	$\frac{4}{10}$
Q17	**$50 - $14.30 = $35.70**
Q18	**86 x 7 = 602g**
Q19 (a)	**AE**
Q19 (b)	**DC**
Q20	**159 ÷ 8 = 19R6** **19 + 1 = 20**
Q21	**50 + 50 + 32 + 32 = 164**

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<table>
<tr><td>Q22
(a)(b)(c)</td><td>
<table>
<tr><th>Statement</th><th>True</th><th>False</th></tr>
<tr><td>a) The total number of tickets sold every week is the same for all 3 weeks.</td><td>✓</td><td></td></tr>
<tr><td>b) In week 3, the number of tickets sold on the weekend is three times the number of tickets sold on the weekdays.</td><td>✓</td><td></td></tr>
<tr><td>c) There were fewer tickets sold on weekdays in week 2 than in week 3.</td><td></td><td>✓</td></tr>
</table>
</td></tr>
<tr><td>Q23 (a)</td><td>2kg 180g = 2180g
2180g + 3400g = 5580g</td></tr>
<tr><td>Q23 (b)</td><td>5580g - 2550g = 3030g = 3kg 30g</td></tr>
<tr><td>Q24 (a)</td><td>570 ÷ 5 = 114</td></tr>
<tr><td>Q24 (b)</td><td>114 + 38 = 152</td></tr>
<tr><td>Q25 (a)</td><td>$20cm^2$</td></tr>
<tr><td>Q25 (b)</td><td>24cm</td></tr>
<tr><td>Q26</td><td>118 x 3 = 354
354 + 79 = 433</td></tr>
<tr><td>Q27</td><td>159 - 27 = 132
27 x 4 = 108
132 + 108 = 240</td></tr>
</table>