METHODIST GIRLS' SCHOOL (PRIMARY)

Founded In 1887

END OF YEAR EXAMINATION 2023
PRIMARY 3
MATHEMATICS

Booklet A

Total Time

Booklets A to C: 1 hour 30 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: 30 October 2023

This booklet consists of 7 printed pages including this page.

Questions **1** to **4** carry **1** mark each. Questions **5** to **16** 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.

(28 marks)

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1 Two thousand, three hundred and seventy written as numerals is _____.

(1) 2037
(2) 2307
(3) 2317
(4) 2370

2 4059 is the same as _____.

(1) 400 + 50 + 9
(2) 4000 + 50 + 9
(3) 4000 + 500 + 9
(4) 4000 + 5000 + 9

3 In 6258, the digit _____ is in the thousands place.

(1) 5
(2) 2
(3) 6
(4) 8

(Go on to the next page)

4 4337 + 2945 = _____

(1) 6272
(2) 6282
(3) 7282
(4) 8272

5 5501, 5101, 4701, _____, 3901, 3501
What is the missing number in the pattern?

(1) 4501
(2) 4301
(3) 4201
(4) 4101

6 How many whole numbers between 30 and 50 can be divided exactly by 7?

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

7 Write 6 km 24 m in metres.

(1) 624 m
(2) 6024 m
(3) 6204 m
(4) 6240 m

(Go on to the next page)

8 Express $\frac{8}{12}$ in its simplest form.

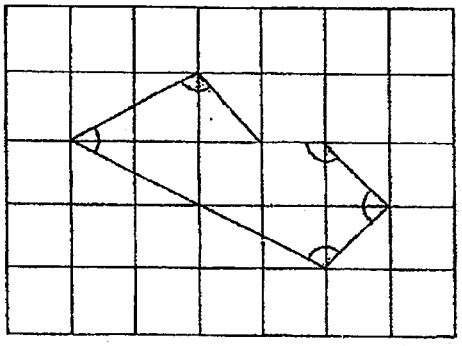
(1) $\frac{2}{3}$

(2) $\frac{1}{2}$

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

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

9 The figure is drawn on a square grid.



How many of the marked angles are obtuse angles?

(1) 5

(2) 2

(3) 3

(4) 4

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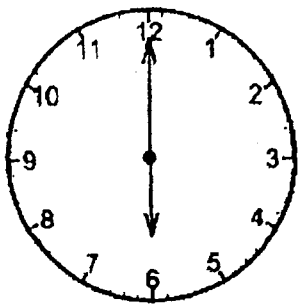
10 John started his dinner at the time shown on the clock below.

The clock was 30 minutes fast.

What was the actual time?



(1) 15 30

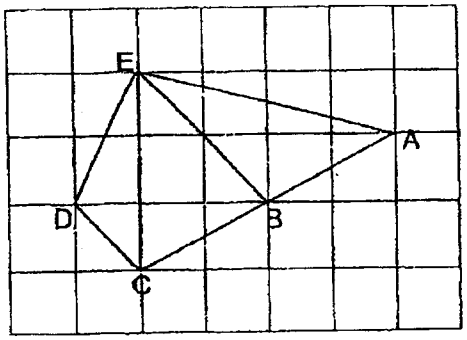
(2) 16 30

(3) 17 30

(4) 18 30

11 The figure below is drawn in a square grid. AC is a straight line.

Which two lines are parallel to each other?



(1) AB and BE

(2) AE and CD

(3) BC and ED

(4) BE and CD

(Go on to the next page)

12 $8 \times 6 = \square \div 2$

What is the missing number in the box?

(1) 24
(2) 48
(3) 50
(4) 96

13 Which one of the following statements is true?

(1) $\frac{1}{4} > \frac{1}{2}$
(2) $\frac{5}{6} > \frac{1}{2}$
(3) $\frac{3}{12} < \frac{1}{4}$
(4) $\frac{2}{3} < \frac{1}{4}$

14 $\frac{2}{8} + \frac{1}{12} =$ _____

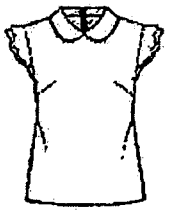
(1) $\frac{1}{3}$
(2) $\frac{1}{6}$
(3) $\frac{3}{12}$
(4) $\frac{3}{20}$

(Go on to the next page)

15 Mrs Lee bought a scarf and a blouse.

She had $5 left in her purse. How much money did she have at first?

Scarf
$15.40



Blouse
$36.20

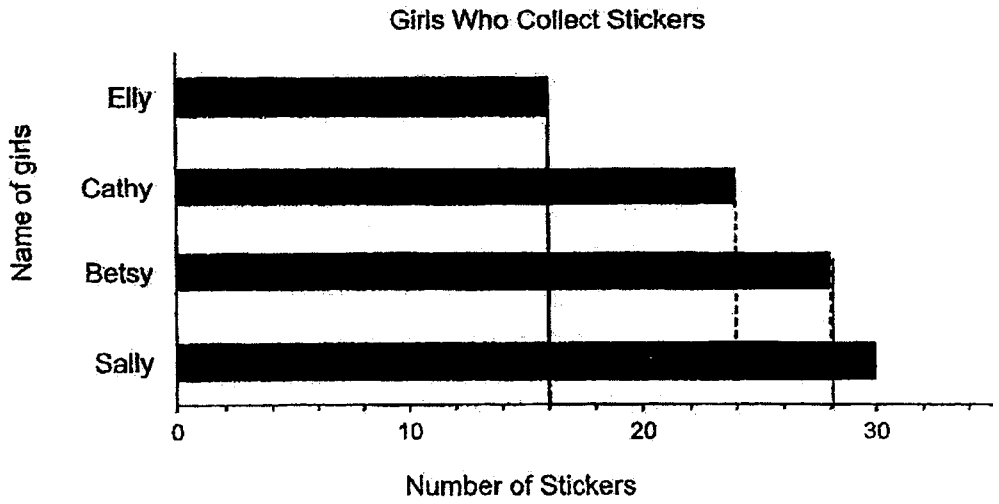
(1) $25.80

(2) $46.60

(3) $51.60

(4) $56.60

16 The bar graph below shows the number of stickers that 4 girls have.



How many fewer stickers does Elly have than Betsy?

(1) 11

(2) 12

(3) 15

(4) 16

(Go on to Booklet B)

METHODIST GIRLS' SCHOOL (PRIMARY)

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PRIMARY 3
MATHEMATICS

Booklet B

Total Time

Booklets A to C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ( )

Class: Primary 3._____

Date: 30 October 2023

/32

This booklet consists of **10** printed pages including this page.

Questions **17** to **20** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (4 marks)

Do not write in this space

17 1000 more than _____ is 4729.

Ans: _____

18 Divide 472 by 8.

Ans: _____

19 Mr Lee slept at 23 25.
Give the time he slept in 12-hour clock.
Include am or pm in your answer.

Ans: _____

20 Write 3095 g in kilograms and grams.

Ans: _____ kg _____ g

(Go on to the next page)

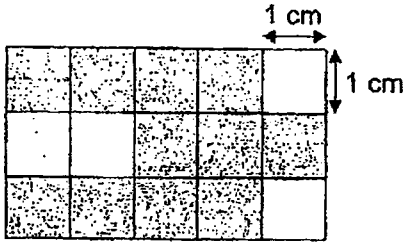
Questions **21** to **34** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (28 marks)

Do not write in this space

21 Leon cycled for 5 km from Point P to Point Q.
Then he took a bus for 2800 m from Point Q to Point R.
What was the total distance covered by him in kilometres and metres?

Ans: _____ km _____ m

22 The shaded figure is made up of 1-cm squares.
What is the area and perimeter of the shaded figure?



Ans: Area = _____ cm^2

Perimeter = _____ cm

(Go on to the next page)

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23 What is the difference between $\frac{5}{12}$ and $\frac{1}{6}$?

Give your answer in its simplest form.

Ans: _____

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

$\frac{1}{10}$, $\frac{3}{5}$, $\frac{2}{9}$, $\frac{2}{4}$

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

(Go on to the next page)

25 Using all the digits below, form the greatest 4-digit odd number with the digit 3 in the tens place.

Do not write in this space

2	4	7	3

Ans: _____

26 There are 1374 adults in the concert hall.
There are 639 fewer children than adults.
How many children are there in the concert hall?

Ans: _____

(Go on to the next page)

27 A fruit seller packs 280 apples into bags of 6.
How many apples are left unpacked?

Do not write in this space

Ans: _____

28 A storybook costs $40.15. It costs $17.65 less than a dictionary.
What is the cost of the dictionary?

Ans: $ _____

(Go on to the next page)

29 Compare the masses of the objects.

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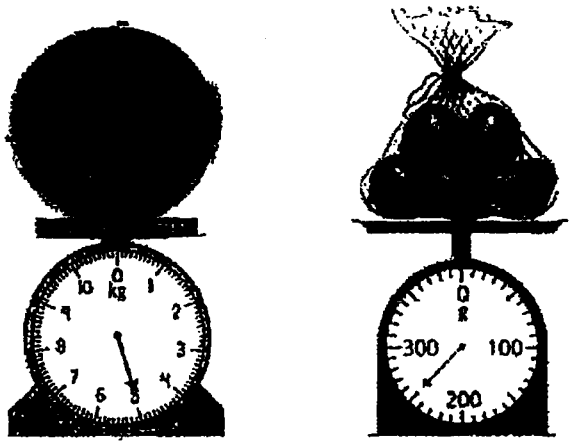

How much lighter is the bag of apples than the watermelon?

Ans: _____ kg _____ g

30 Fatimah and her family ate at a fast food restaurant.
The meal cost $33.25. She gave the cashier a $50 note.
How much change should she receive?

Ans: $ _____

(Go on to the next page)

31 Two containers of different sizes were filled with different amounts of water.

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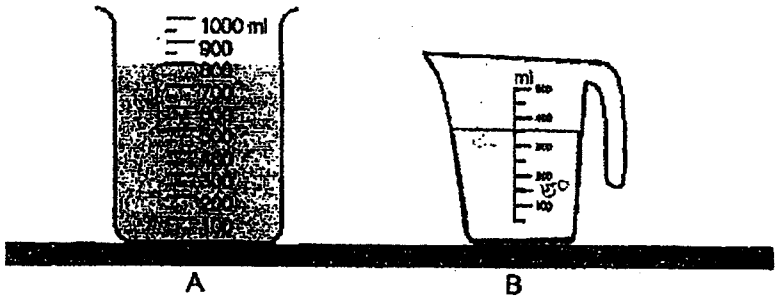

Joan wanted to pour water from container A to container B so that container B would have 500 ml of water.

What would be the volume of water left in container A?

Ans: _____ ml

32 What digit does each shape stand for?

$$\begin{array}{r} 9\ \diamondsuit\ 2 \\ \times\quad\quad 7 \\ \hline 6\ \heartsuit\ 2\ 4 \end{array}$$

Ans: ◇ = _____

♡ = _____

33 John placed some balloons at an equal distance from each other.
The distance between the 3rd and the 7th balloon is 92 cm.
What is the distance between each balloon?

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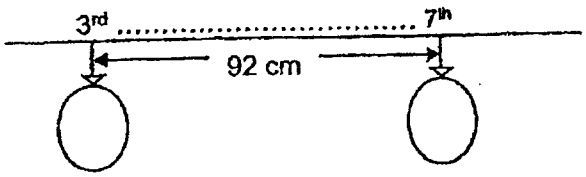

Ans: _____ cm

34 The bar graph shows the number of boys and girls at the school library from Monday to Friday last week. The scale on the vertical axis was torn off accidentally and could not be seen.

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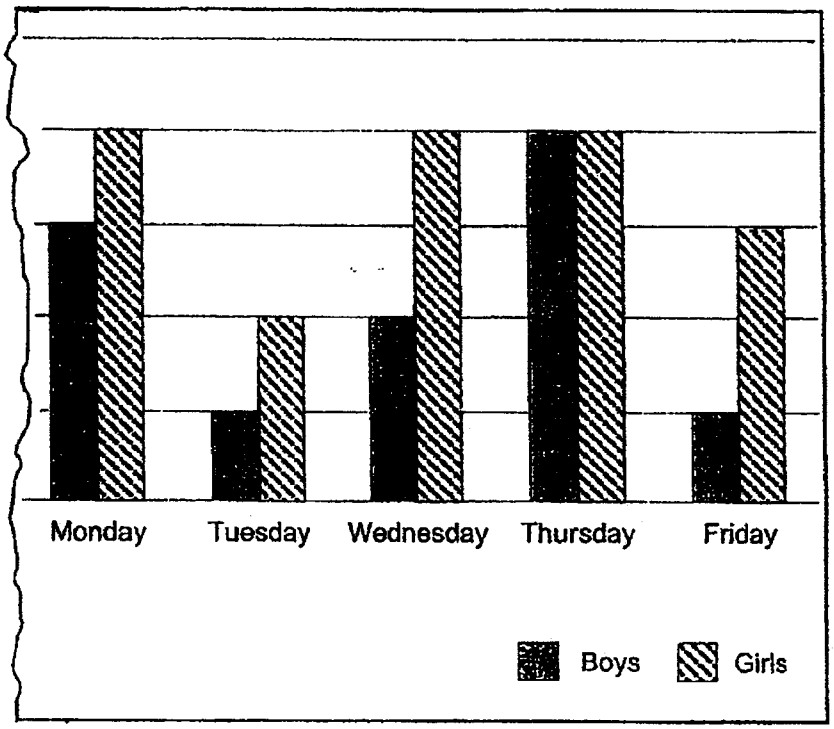

Based on the information from the bar graph, tick (✓) **True** or **False** for the statements below.

Statement	True	False
a) There are three times as many girls as boys at the school library on Friday.		
b) More boys than girls visited the school library from Monday to Friday.		

(Go on to Booklet C)

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END OF YEAR EXAMINATION 2023
PRIMARY 3
MATHEMATICS

Booklet C

Total Time

Booklets A to C: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: _____ ( )

Class: Primary 3. _____

Date: 30 October 2023

Parent's Signature : _____

Booklet A	/ 28
Booklet B	/ 32
Booklet C	/ 20
TOTAL	/ 80

This booklet consists of 5 printed pages including this page.

For questions **35** to **40**, show your workings 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. (20 marks)

Do not write in this space

35 A train arrived at Gardens MRT station with 1359 passengers. 247 passengers alighted from the train and 498 passengers boarded the train. How many passengers were there in the train when it left Gardens MRT station?

Ans: _____ [3]

36 Mrs Tan started cleaning her house at 9.35 am.
She took 2 h 45 min to clean her house.
Then she watched a television programme until 2 pm.
How long did she watch the television programme?

Ans: _____ [3]

(Go on to the next page)

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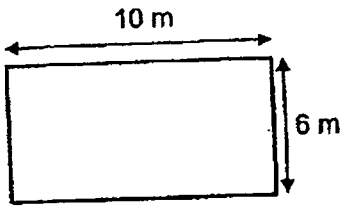
37 Mr Rahim put up a fence around his rectangular garden.
The length of the garden is 10 m. Its breadth is 6 m.
One metre of fence cost $8.
How much did Mr Rahim pay for his fence?



Ans: _____ [3]

38 Mrs Soh had 13 packets of sweets. Each packet had the same number of sweets. She gave 12 pupils a packet each.
From the remaining packet, she gave 7 sweets to each of the same pupils and there was no leftover.
How many sweets did each pupil get in the end?

Ans: _____ [3]

(Go on to the next page)

39 A box of 4 muffins cost $9. Mrs Lim has $120.

Do not write in this space

4 muffins for $9

(a) How many boxes of muffins can she buy at most?

Ans: (a) _____ [2]

(b) How many muffins can she buy altogether?

Ans: (b) _____ [2]

(Go on to the next page)

40 Ali and Samad had 80 marbles altogether.
After Ali gave 7 marbles to Samad, Ali had 4 times as many marbles as Samad.

Do not write in this space

(a) How many marbles did Samad have in the end?

Ans: (a) _____ [2]

(b) How many marbles did Samad have at first?

Ans: (b) _____ [2]

End of Paper

YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

Q1	4	Q2	2	Q3	3	Q4	3	Q5	2
Q6	3	Q7	2	Q8	1	Q9	3	Q10	3
Q11	4	Q12	4	Q13	2	Q14	1	Q15	4
Q16	2								

Q17	3729 + 1000 = 4729 Ans: 3729	Q18	472 ÷ 8 = 59
Q19	11:25pm	Q20	3kg 95g
Q21	5000 + 2800 = 7800 7km 800m	Q22	Area = 11cm² Perimeter = 20cm
Q23	$\frac{5}{12} - \frac{2}{12} = \frac{3}{12}$ $\frac{3}{12} = \frac{1}{4}$	Q24	$\frac{3}{5}, \frac{2}{4}, \frac{2}{9}, \frac{1}{10}$
Q25	4237	Q26	1374 – 639 = 735
Q27	280 ÷ 6 = 46 R 4 Ans: 4	Q28	$40.15 + $17.65 = $57.80
Q29	5000 – 250 = 4750 4kg 750g	Q30	$50.00 - $33.25 = $16.75
Q31	500ml – 350ml = 150ml 800ml – 150ml = 650ml	Q32	Ans: 3 5
Q33	7 – 3 = 4 92 ÷ 4 = 23cm	Q34	a) True b) False
Q35	1359 – 247 = 1112 1112 + 498 = 1610	Q36	1h 40min
Q37	10 + 10 + 6 + 6 = 32 32 x 8 = $256	Q38	No. of sweets in each packet = 7 x 12 = 84 84 + 7 = 91
Q39	a) 120 ÷ 9 = 13 R3 Ans: 13 b) 13 x 4 = 52	Q40	a) 80 ÷ 5 = 16 b) 16 – 7 = 9

END