

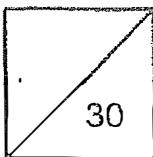


Methodist Girls' School (Primary)  
Primary 3 Mathematics  
Weighted Assessment 1 2023

Name: \_\_\_\_\_ ( ) Date: \_\_\_\_\_

Class: Primary 3. \_\_\_\_\_

Parent's Signature: \_\_\_\_\_



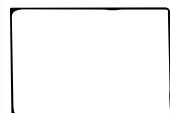
Questions 1 to 8 carry 1 mark each. Show your workings clearly in the space below each question and write your answers in the answer spaces provided.

For questions which require units, give your answers in the units stated. (8 marks)

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1 Write nine thousand and forty-two in numerals.

Ans: \_\_\_\_\_



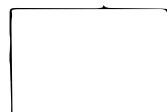
2  $7045 - 613 =$  \_\_\_\_\_

Ans: \_\_\_\_\_



3  $5380 = 5000 +$  \_\_\_\_\_  $+ 80$

Ans: \_\_\_\_\_



4 Add 4108 and 3897.

Do not write  
in this space

Ans: \_\_\_\_\_

5 Subtract 2146 from 7062.

Ans: \_\_\_\_\_

6 In 8315, the digit 8 stands for \_\_\_\_\_.

Do not write  
in this space

Ans: \_\_\_\_\_

7 What is 10 more than 7069?

Ans: \_\_\_\_\_

8 Arrange the numbers in increasing order.

4772

4227

4727

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Questions 9 to 14 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the answer spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

Do not write in this space

9 Compare the numbers using ' $<$ ' or ' $>$ '.

(a) 4105  2398

Ans: (a) \_\_\_\_\_

(b)  $38 + 21$    $46 + 37$

Ans: (b) \_\_\_\_\_

10 Write the missing number in the number pattern below.

4227, 4127, 4027, \_\_\_\_\_, 3827, 3727

Ans: \_\_\_\_\_

11 What is the missing number in the number pattern below?

6171, 6172, 6272, 6273, 6373, 6374, \_\_\_\_\_

Ans: \_\_\_\_\_

12 Look at the numbers below.

8143, 1726, 3962, 9057

Find the difference between the greatest number and the smallest number.

Do not write  
in this space

Ans: \_\_\_\_\_

13  $8025 - \underline{\hspace{2cm}} = 4418$

Ans: \_\_\_\_\_

14 Use all the digits below to form the greatest even number between 5000 and 8000.

1

3

6

8

Ans: \_\_\_\_\_

For questions 15 to 17, 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.

(10 marks)

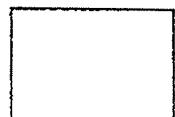
Do not write  
in this space

15 Jenny has 685 stamps.

She has 134 stamps fewer than Amy.

How many stamps do they have altogether?

Ans: \_\_\_\_\_ [3]



16 The difference between two numbers is 2307.  
The smaller number is 3480.  
(a) What is the greater number?

Do not write  
in this space

Ans: (a) \_\_\_\_\_ [2]

(b) What is the sum of the two numbers?

Ans: (b) \_\_\_\_\_ [2]

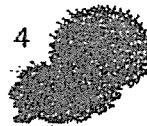
17

Sally wrote two 4-digit numbers on a piece of paper. She spilled ink on some of the digits accidentally as shown below. Use the clues given to answer the questions that follow.

Do not write in this space

First number  
Second number

2 1 4  
4 3



Clues:

- The digit in the ones place of the first number is 1 less than the digit in the tens place
- The sum of the 2 numbers is 6511

(a) What is the smaller number?

Ans: (a) \_\_\_\_\_ [1]

(b) What is the digit in the tens place of the greater number?

Ans: (b) \_\_\_\_\_ [2]

END OF PAPER

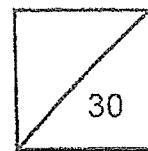


Methodist Girls' School (Primary)  
Primary 3 Mathematics  
Weighted Assessment 2 2023

Name: \_\_\_\_\_ ( ) Date: \_\_\_\_\_

Class: Primary 3. \_\_\_\_\_

Parent's Signature: \_\_\_\_\_



Questions 1 to 7 carry 1 mark each. Show your workings clearly in the space below each question and write your answers in the answer spaces provided.  
For questions which require units, give your answers in the units stated. (7 marks)

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in this space

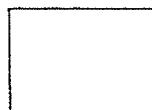
1



Sarah bought a toy with the amount of money shown above.

How much did she pay for the toy?

Ans: \$ \_\_\_\_\_



2

$\$2.10 - \$0.50 =$  \_\_\_\_\_

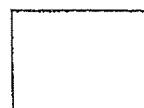
Ans: \$ \_\_\_\_\_



3

$7 \times 8 =$  \_\_\_\_\_

Ans: \_\_\_\_\_



4  $54 \div 6 =$  \_\_\_\_\_

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in this space

Ans: \_\_\_\_\_

5 What is the product of 6 and 32?

Ans: \_\_\_\_\_

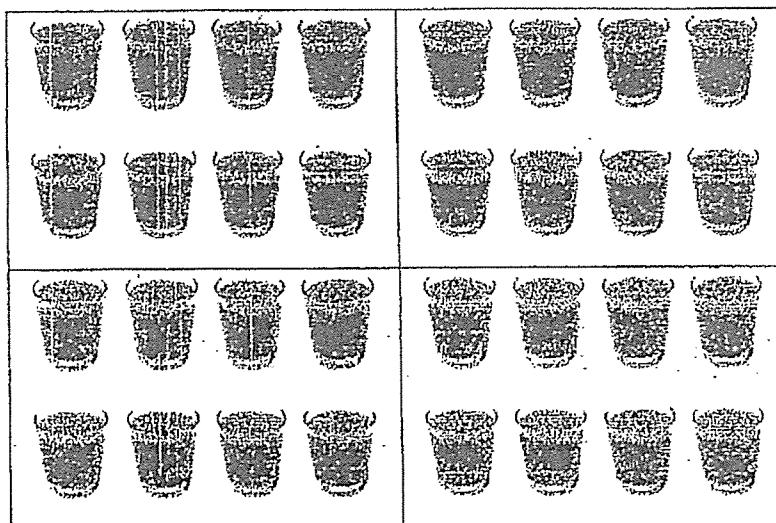
6 What is the quotient when 882 is divided by 9?

Ans: \_\_\_\_\_

7

Look at the picture below.

Write a multiplication equation for it.



Ans:

$$\boxed{\quad} \times \boxed{\quad} = \boxed{\quad}$$



3

(Go on to the next page)

Questions 8 to 12 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the answer spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

Do not write in this space

8  $\boxed{\phantom{00}} \div 5 = 27 \text{ r } 2$

What is the missing number?

Ans: \_\_\_\_\_

9  $72 \div 9 = 2 \times \boxed{\phantom{0}}$

What is the missing number?

Ans: \_\_\_\_\_

10 A pen costs \$3.50.

It costs 65¢ less than a box of colour pencils.

How much does the box of colour pencils cost?

Do not write  
in this space

Ans: \$ \_\_\_\_\_

11 Dawn and Eileen have 188 stamps altogether.

Dawn has 3 times as many stamps as Eileen.

How many stamps does Eileen have?

Ans: \_\_\_\_\_

12 Miss Goh had 102 cupcakes. She wanted to pack all the cupcakes into boxes. Each box could contain at most 8 cupcakes. What is the least number of boxes she would need?

Do not write  
in this space

Ans: \_\_\_\_\_



For questions 13 to 16, 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.

Do not write  
in this space  
(13 marks)

13 Mr Wong wanted to buy a hardcover notebook that cost \$12.80.  
However, he found that he needed \$3.90 more.

(a) How much money did Mr Wong have?

Ans: (a) \_\_\_\_\_ [2]

(b) He decided to buy a cheaper softcover notebook which cost \$7.50.

How much money would Mr Wong have left in the end?

Ans: (b) \_\_\_\_\_ [2]

14 Sara had \$30.80 at first.

She spent some of her money to buy a gift for her mother.

Then her father gave her another \$12. In the end, she had \$15.50.

How much did Sara spend on the gift?

Do not write  
in this space

Ans: \_\_\_\_\_ [3]

15 Miss Chua prepared 100 balloons for her class.

She wanted to give 3 balloons to every pupil but she was short of  
17 balloons. How many pupils were there in her class?

Do not write  
in this space

Ans: \_\_\_\_\_ [3]



16 Evelyn has 16 cookies. Freya has 7 times as many cookies as Evelyn. Gerald has half as many cookies as Freya. How many cookies does Gerald have?

Do not write  
in this space

Ans: \_\_\_\_\_ [3]



END OF PAPER



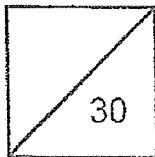
Methodist Girls' School (Primary)  
Primary 3 Mathematics  
Weighted Assessment 3 2023

Name: \_\_\_\_\_ ( )

Date: \_\_\_\_\_

Class: Primary 3. \_\_\_\_\_

Parent's Signature: \_\_\_\_\_



Question 1 and 6 carry 1 mark 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 accordingly below.



Do not write  
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1       1  2  3  4

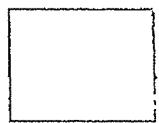
2       1  2  3  4

3       1  2  3  4

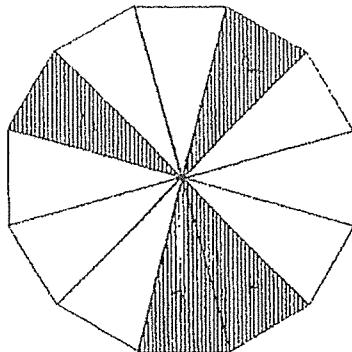
4       1  2  3  4

5       1  2  3  4

6       1  2  3  4



1      What fraction of the figure is shaded?



(1)  $\frac{4}{8}$

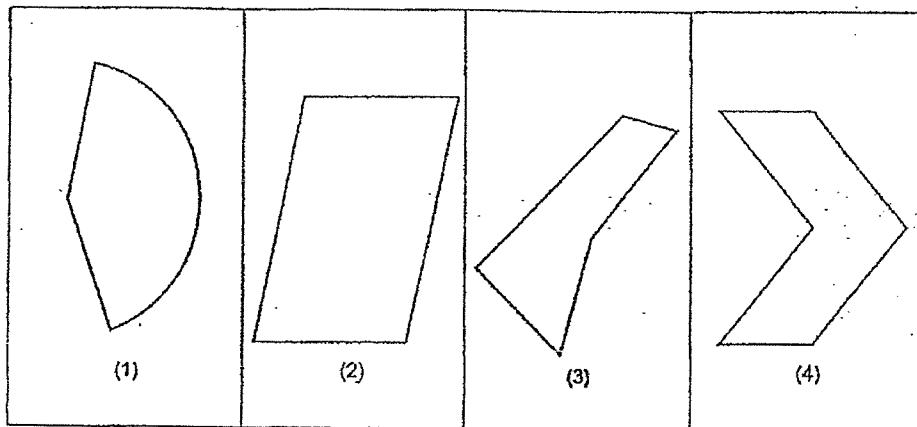
(2)  $\frac{4}{12}$

(3)  $\frac{8}{4}$

(4)  $\frac{8}{12}$

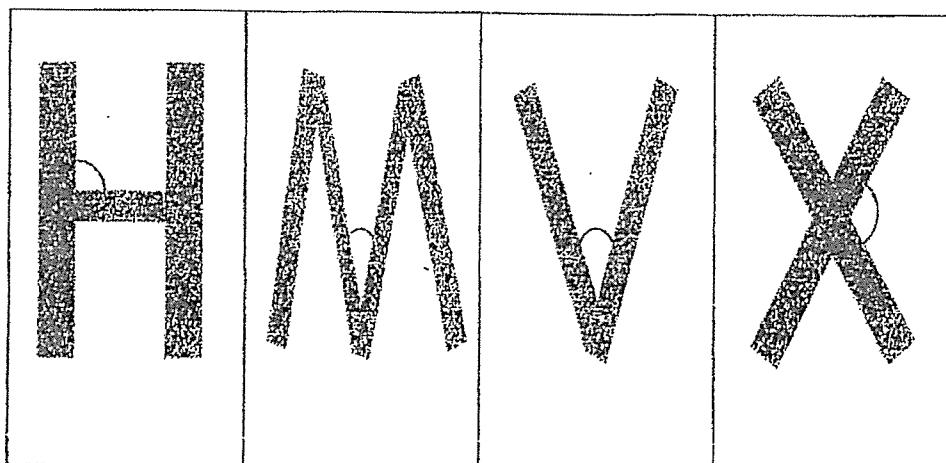
2 Which one of these shapes has a right angle in it?

Do not write  
in this space



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

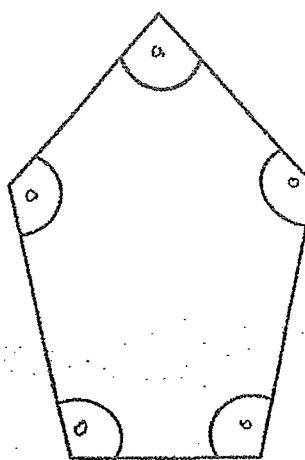
3 Look at the angle marked on each letter.



Which letter is marked with an obtuse angle?

- (1) H
- (2) M
- (3) V
- (4) X

4. How many acute angles are there in the shape below?



Do not write  
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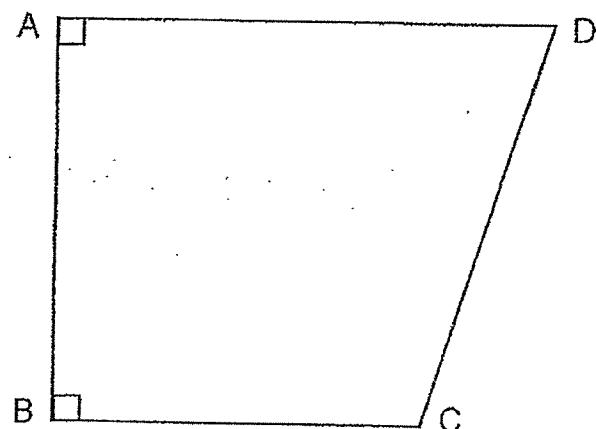
- (1) 1
- (2) 2
- (3) 3
- (4) 4

5. Which of these fractions is greater than  $\frac{4}{5}$ ?

- (1)  $\frac{2}{3}$
- (2)  $\frac{5}{8}$
- (3)  $\frac{7}{10}$
- (4)  $\frac{6}{7}$

6 Look at the figure below.

Do not write  
in this space



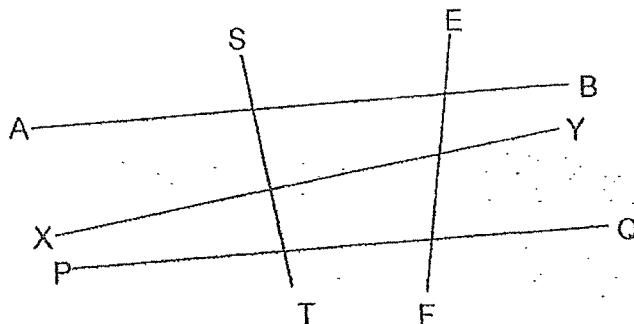
Which of the following is correct?

- (1)  $AB \parallel CD$
- (2)  $AD \parallel BC$
- (3)  $AB \perp DC$
- (4)  $DC \perp BC$

Questions 7 to 14 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. (16 marks)

Do not write  
in this space

7 Study the figure below.



a) Name a pair of perpendicular lines.

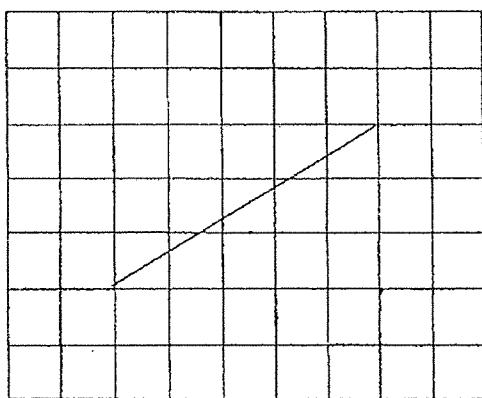
Ans: a)                     $\perp$                     [1]

b) Name a pair of parallel lines.

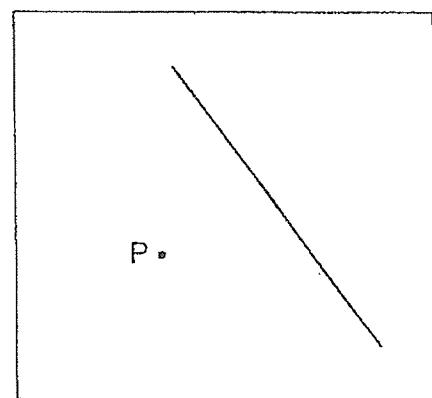
Ans: b)                     $\parallel$                     [1]

8

a) In square grid A, draw a line perpendicular to the given line.  
b) In box B, draw a line parallel to the given line that passes through the point P.



square grid A



box B

[2]

9 What is  $1 - \frac{6}{10}$ ?

Write your answer in its simplest form.

Ans: \_\_\_\_\_ [2]

Do not write  
in this space

10 What fraction is greater than  $\frac{2}{3}$  and less than  $\frac{8}{9}$ ?

Ans: \_\_\_\_\_ [2]

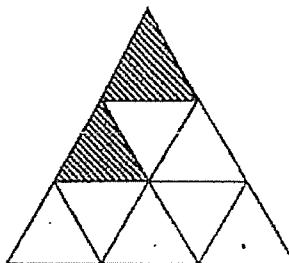
11 Arrange the fractions in order, beginning with the greatest.

$$\frac{1}{2}, \frac{5}{8}, \frac{4}{9}, \frac{5}{6}$$

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ [2]  
(greatest)

12 The figure below is made up of 9 identical triangles.

How many more triangles in the figure must be shaded so that  $\frac{2}{3}$  of the figure is shaded?



Ans: \_\_\_\_\_ [2]

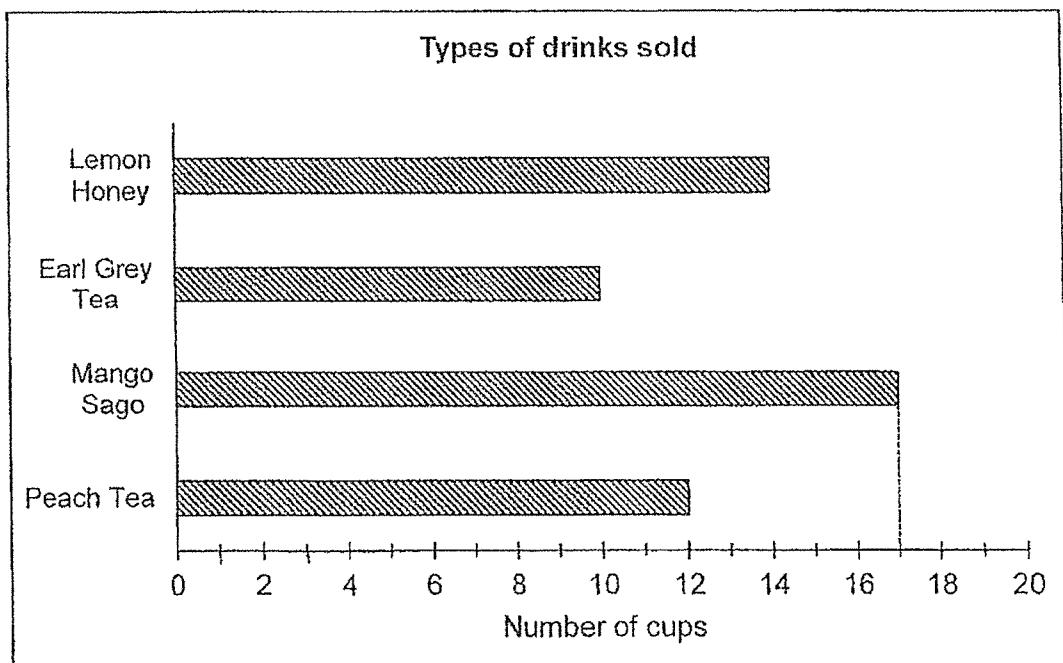
13 In the number line, write the missing values in the boxes to show the correct fractions.



Do not write  
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[2]

The bar graph below shows the number of cups of drinks sold.



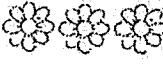
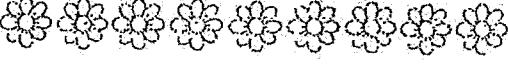
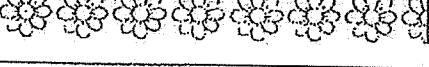
14 How many cups of mango sago and peach tea were sold altogether?

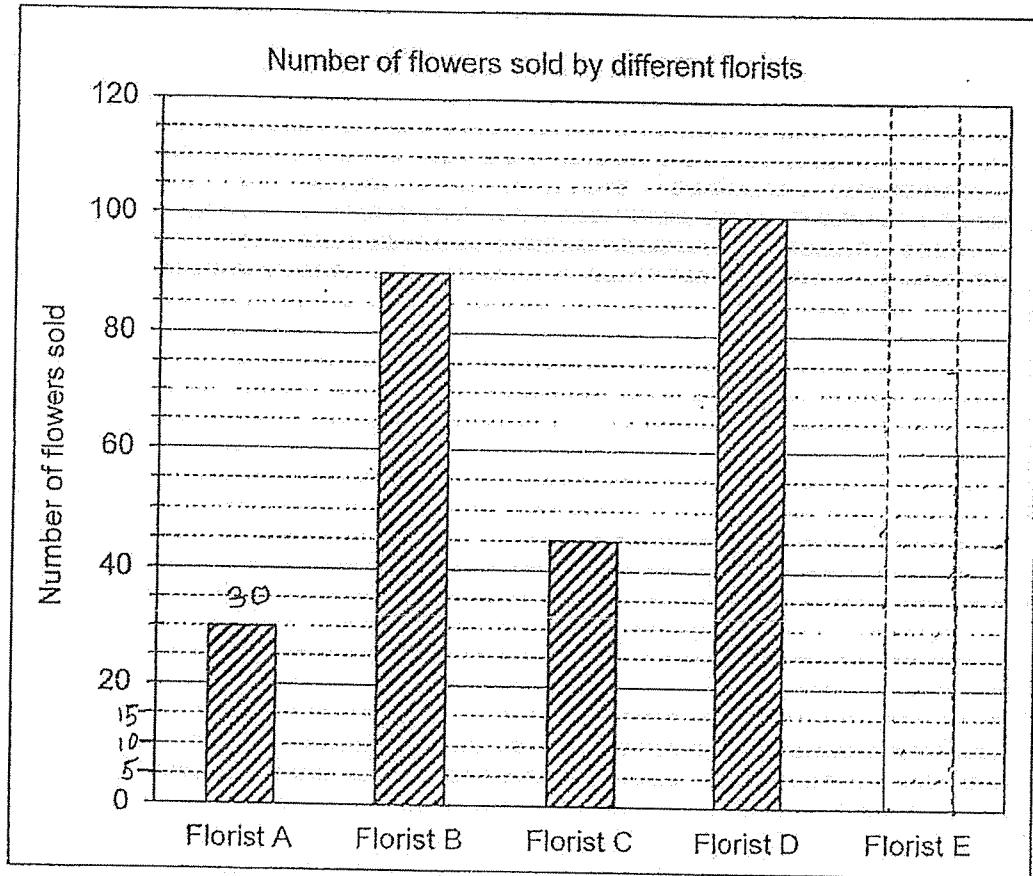
Ans: \_\_\_\_\_ [2]

For questions 15 and 16, 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. (8 marks)

Do not write  
in this space

15 The table below shows the number of flowers sold by different florists. Study the bar graph and answer the questions that follow.

| Number of flowers sold  |  |
|---|--|
| Florist A   |   |
| Florist B   |  |
| Florist C   |   |
| Florist D   |  |
| Florist E   |   |
| Each  stands for ? flowers |  |



(a) Which florist sold two times as many flowers as Florist C?

Do not write  
in this space

Ans: (a) \_\_\_\_\_ [1]

(b) How many flowers did Florist A sell?

Ans: (b) \_\_\_\_\_ [1]

(c) How many flowers does each  stand for?

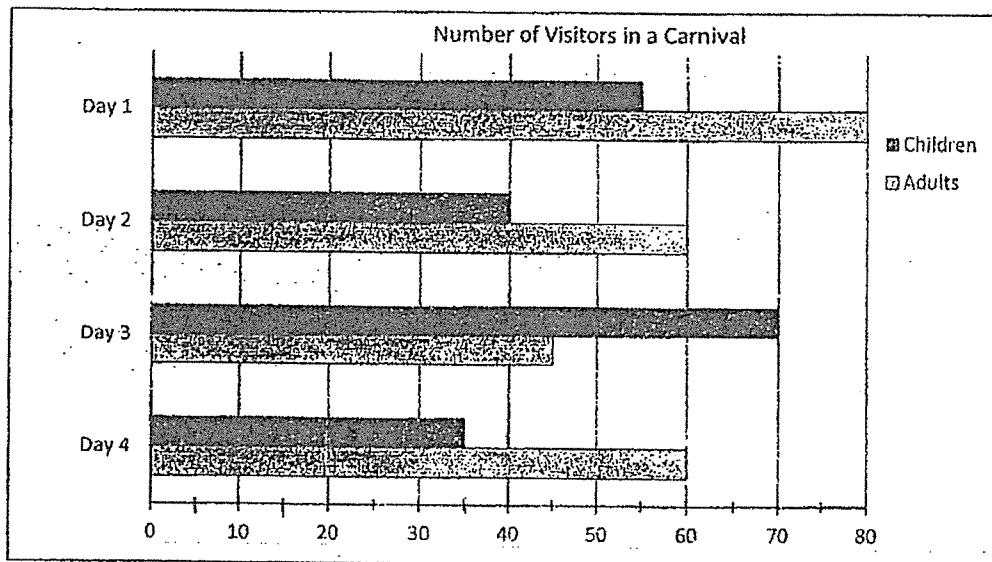
Ans: \_\_\_\_\_ [1]

(d) Draw and shade on the bar graph to show the number of flowers sold by Florist E.

[1]

16 The bar graph below shows the number of visitors at a carnival over four days. Study the graph and answer the questions that follow.

Do not write  
in this space



(a) Which day had more children than adults?

Ans: (a) \_\_\_\_\_ [1]

(b) How many more adults than children were there on Day 4?

Ans: (b) \_\_\_\_\_ [1]

(c) The table below shows the number of boys, girls, men and women who visited the carnival on Days 1 and 2.

Based on the bar graph above, complete the table.

|       | Boys | Girls | Men | Women |
|-------|------|-------|-----|-------|
| Day 1 | 35   | 20    | 30  |       |
| Day 2 |      | 25    | 40  | 20    |

[2]

END OF PAPER

YEAR : 2023  
 LEVEL : PRIMARY 3  
 SCHOOL : METHODIST GIRLS' SCHOOL (PRIMARY)  
 SUBJECT : MATHEMATICS  
 TERM : WEIGHTED ASSESSMENT 1 & 2 & 3

WEIGHTED ASSESSMENT 1

|     |   |     |  |
|-----|---|-----|--|
| Q1  | 9042  | Q2  | 6432   |
| Q3  | 300   | Q4  | $4108 + 3897 = 8005$                                 |
| Q5  | $7062 - 2146 = 4916$  | Q6  | 8000   |
| Q7  | 7079  | Q8  | 4221, 4727, 4772                                     |
| Q9  | (a) ><br>(b) <  | Q10 | 3927   |
| Q11 | 6475  | Q12 | $9057 - 1726 = 7331$                                 |
| Q13 | $8025 - 4418 = 3607$  | Q14 | 6318   |
| Q15 | (a) $685 + 134 = 819$<br>Amy has 819 stamps.<br>(b) $685 + 819 = 1504$<br>They have 1504 stamps altogether. | Q16 | (a) $3480 + 2307 = 5787$<br>(b) $3480 + 5787 = 9267$ |
| Q17 | (a) 2143<br>(b) 6   |     |  |

WEIGHTED ASSESSMENT 2

|     |  |     |   |
|-----|--|-----|---|
| Q1  | \$7.30   | Q2  | \$1.60  |
| Q3  | 56   | Q4  | 9   |
| Q5  | 192  | Q6  | 98  |
| Q7  | $8 \times 4 = 32$  | Q8  | $27 \times 5 = 135$<br>$135 + 2 = 137$  |
| Q9  | 4  | Q10 | $\$3.50 + 65\text{c} = \$4.15$  |
| Q11 | $188 \div 4 = 47$  | Q12 | $102 \div 8 = 12 \text{ R}6$<br>$12 + 1 = 13$   |
| Q13 | (a) Mr Wong = \$12.80 - \$3.90 = \$8.90<br>(b) Left = \$8.90 - \$7.50 = \$1.40               | Q14 | $\$30.80 - \$15.50 = \$15.30$<br>$\$30/80 - \$12.00 = \$42.80$<br>$\$42.80 - \$15.50 = \$27.30$ |
| Q15 | $100 \div 3 = 33 \text{ R}1$<br>$17 \div 3 = 5 \text{ R}2$<br>$33 + 5 = 38$<br>$38 + 1 = 39$ | Q16 | Freya = $16 \times 7 = 112$<br>Gerald = $112 \div 2 = 56$                                       |

WEIGHTED ASSESSMENT 3

|    |   |    |   |    |   |    |   |    |   |
|----|---|----|---|----|---|----|---|----|---|
| Q1 | 2 | Q2 | 3 | Q3 | 4 | Q4 | 1 | Q5 | 4 |
| Q6 | 2 |    |   |    |   |    |   |    |   |

|     |   |     |  |
|-----|---|-----|--|
| Q7  | a) $XY \perp ST$<br>b) $AB // PQ$   | Q8  |  |
| Q9  | $\frac{10}{10} - \frac{6}{10} = \frac{4}{10}$<br>$\frac{4}{10} = \frac{2}{5}$ | Q10 | $\frac{7}{9}$  |
| Q11 | $\frac{5}{6}, \frac{5}{8}, \frac{1}{2}, \frac{4}{9}$                          | Q12 | 4  |
| Q13 | $\frac{1}{4}, \frac{6}{8}$  | Q14 | $17 + 12 = 29$   |
| Q15 | a) Florist B<br>b) 30<br>c) 10<br>d)  | Q16 | a) Day 3<br>b) 25<br>c) Day 1: Woman = 50<br>Day 2 : Boys = 15 |
|     |   |     |  |

END