



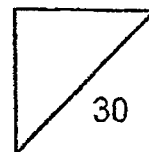
Methodist Girls' School (Primary)  
Primary 3 Mathematics  
Weighted Assessment 3 2023

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.



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1      (1) (2) (3) (4)

2      (1) (2) (3) (4)

3      (1) (2) (3) (4)

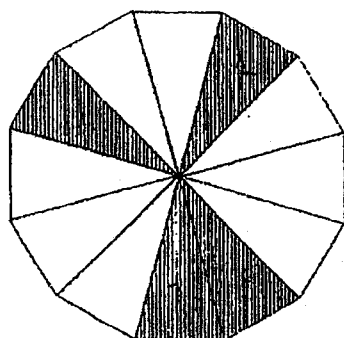
4      (1) (2) (3) (4)

5      (1) (2) (3) (4)

6      (1) (2) (3) (4)



1      What fraction of the figure is shaded?



(1)       $\frac{4}{8}$

(2)       $\frac{4}{12}$

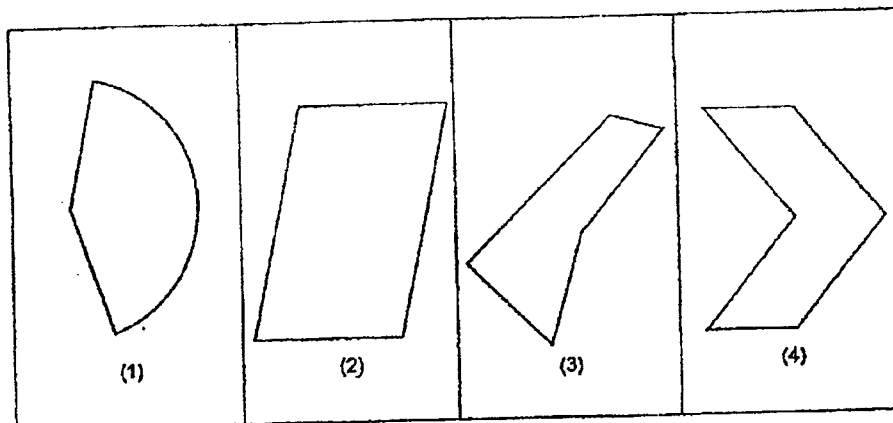
(3)       $\frac{8}{4}$

(4)       $\frac{8}{12}$

2

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

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in this space



(1) 1

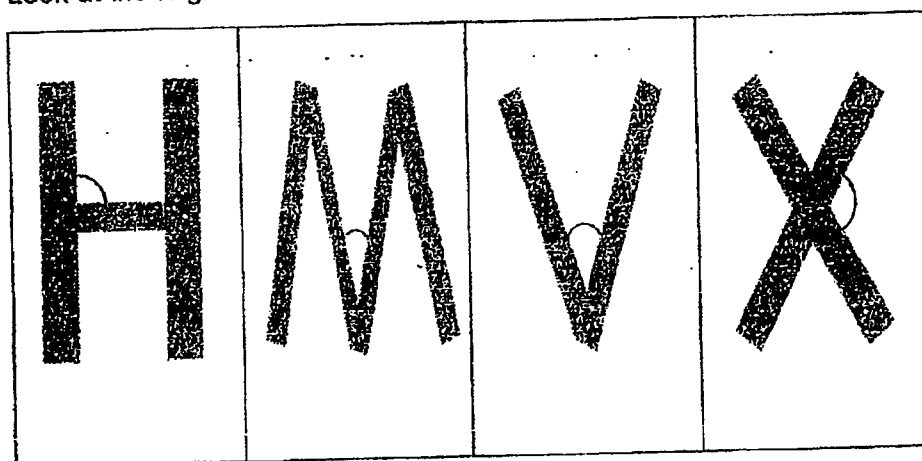
(2) 2

(3) 3

(4) 4

3

Look at the angle marked on each letter.



Which letter is marked with an obtuse angle?

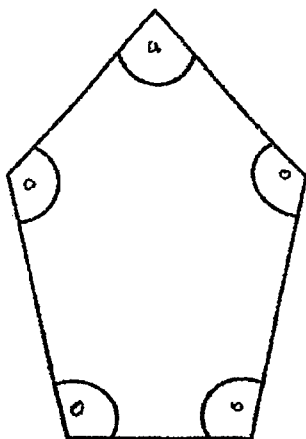
(1) H

(2) M

(3) V

(4) X

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



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

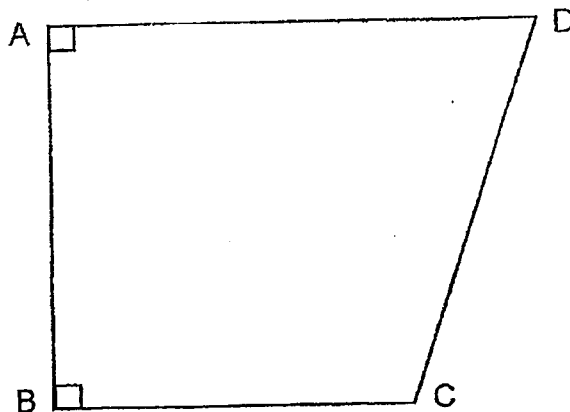
- 5 Which of these fractions is greater than  $\frac{4}{5}$ ?

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

Do not write  
in this space

6

Look at the figure below.

Do not write  
in this space

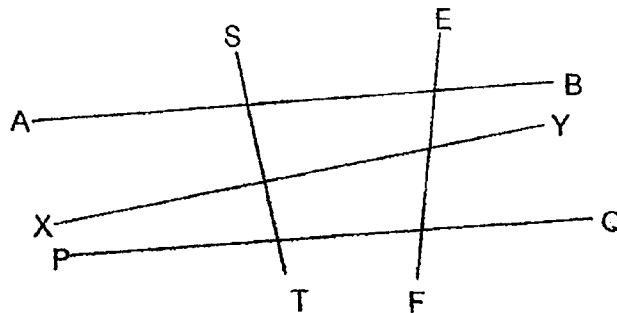
Which of the following is correct?

- (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.



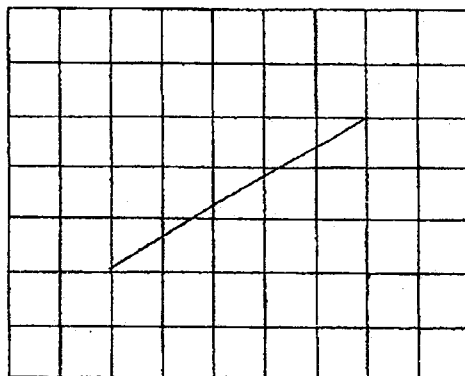
a) Name a pair of perpendicular lines.

Ans: a) ST ⊥ EF [1]

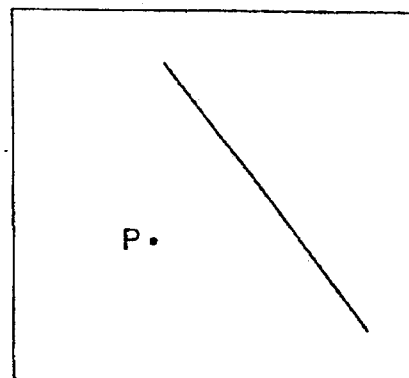
b) Name a pair of parallel lines.

Ans: b) AB // XY [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  
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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.

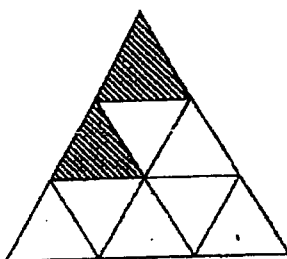
$\frac{1}{2}, \frac{5}{8}, \frac{4}{9}, \frac{5}{6}$

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

12

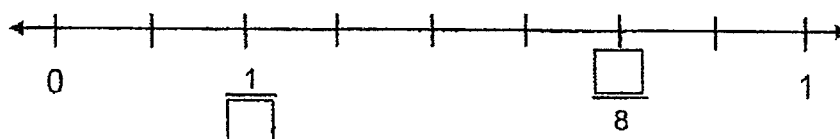
The figure below is made up of 9 identical triangles.

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



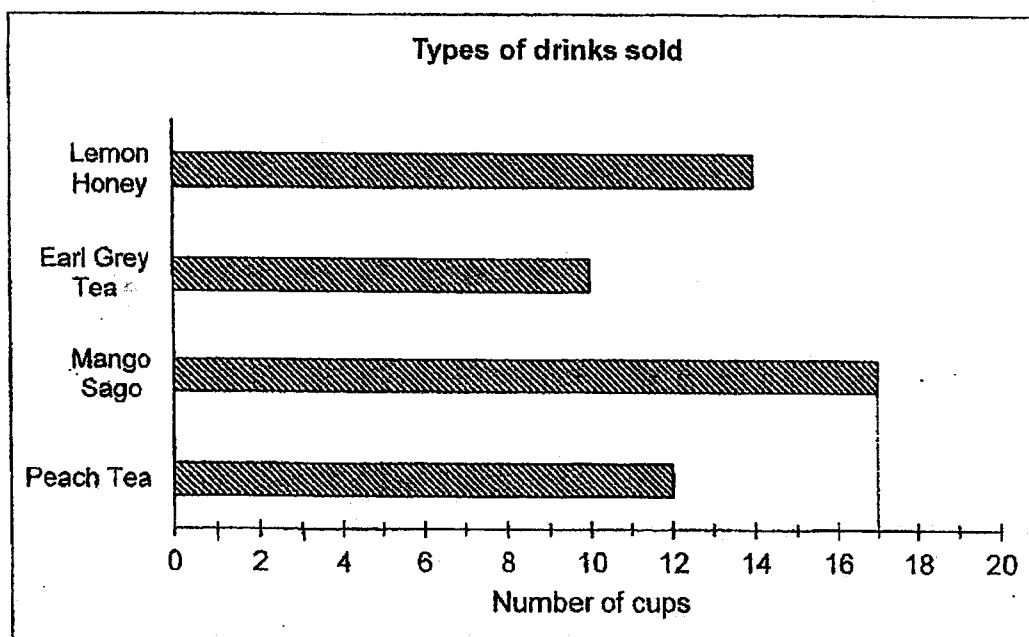
Ans: \_\_\_\_\_ [2]

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



[2]

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




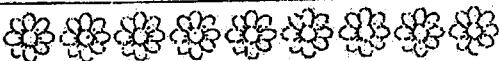
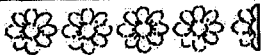
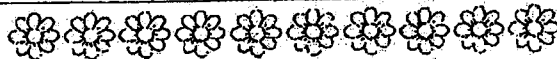
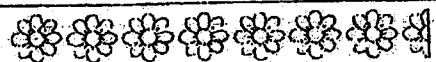

- 14 How many cups of mango sago and peach tea were sold altogether?

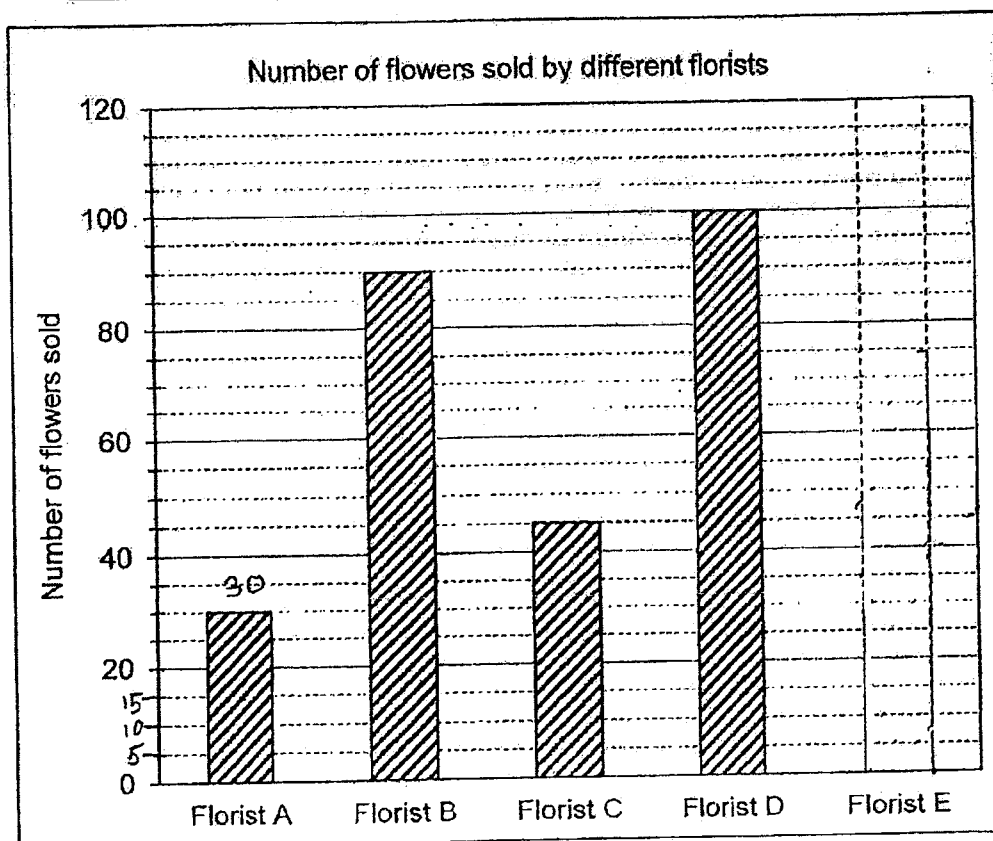
Ans: \_\_\_\_\_ [2]

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)

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- 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?

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

(b) How many flowers did Florist A sell?

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

(c) How many flowers does each  stand for?

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

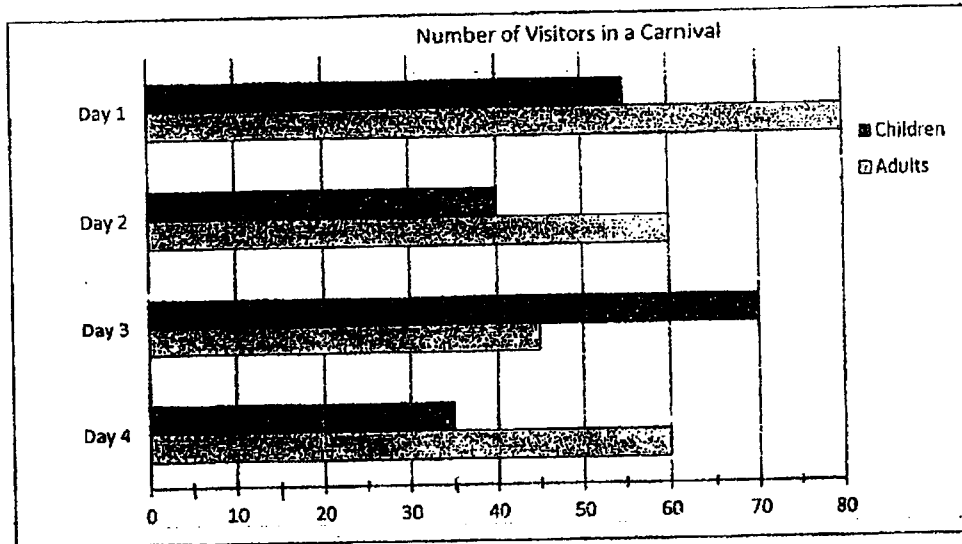
(d) Draw and shade on the bar graph to show the number of flowers sold by Florist E.

[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.

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(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.

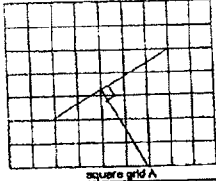
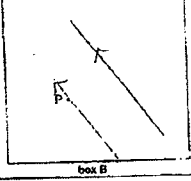
	Boys	Girls	Men	Women
Day 1	35	20	30	
Day 2		25	40	20

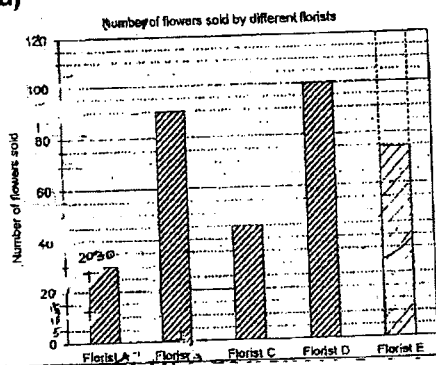
[2]

END OF PAPER

### WEIGHTED ASSESSMENT 3

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

Q7	a) $XY \perp ST$ b) $AB \parallel PQ$	Q8	 
Q9	$\frac{10}{10} - \frac{6}{10} = \frac{4}{10}$ $\frac{4}{10} = \frac{2}{5}$	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 b) 30 c) 10 d)	Q16	a) Day 3 b) 25 c) Day 1: Woman = 50 Day 2 : Boys = 15



2  
END