Methodist Girls' School (Primary)
Primary 5 Mathematics
Weighted Assessment 1 2021

Name: _____ ( ) **Date:** _____

Class: Primary 5. _____ **Marks:** 40

Parent's Signature: _____

Section A
Questions 1 to 8 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). Write your answer in the brackets provided.

(16 marks)

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1 What is the missing number in the box?

$$\frac{8}{12} = \frac{2}{\square}$$

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

2 Find the value of $60 - (6 + 8 \div 2) \times 4$.

(1) 20
(2) 32
(3) 39
(4) 54 ( )

3 Which of the following fractions is the greatest?

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

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

(3) $\frac{5}{6}$

(4) $\frac{7}{10}$ ( )

4 John is 24 years older than his son. How old will his son be when John is three times as old as him?

(1) 6

(2) 8

(3) 12

(4) 27 ( )

5 Jane cut a pizza into 12 pieces. She ate 3 pieces and gave a few pieces to her friend. After that, $\frac{1}{3}$ of the pizza was left. What fraction of the pizza did Jane give to her friend?

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

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

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

(4) $\frac{7}{12}$ ( )

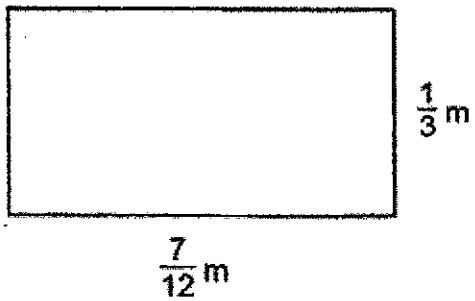
6 Alex and Helen had \$86 together. Helen and Cathy had \$142 together. Cathy had three times as much money as Alex. How much did Helen have?

(1) \$28
(2) \$43
(3) \$56
(4) \$58 ( )

7 Bala used the shapes below to form a pattern. Which shape is in the 82nd position?

(1) ○
(2) □
(3) △
(4) ◇ ( )

8 Kumar used a piece of rope to form a rectangle measuring $\frac{7}{12}$ m by $\frac{1}{3}$ m.
What is the length of the rope that he used?



(1) $\frac{11}{12}$ m
(2) $\frac{8}{15}$ m
(3) $1\frac{1}{2}$ m
(4) $1\frac{5}{6}$ m ( )

Section B
Questions 9 to 14 carry 2 marks each.
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

9(a) Write six million, four hundred and twelve in numerals.

(b) Round 15 092 to the nearest thousand.

Ans: (a)_____

(b)_____

10(a) Express $\frac{3}{25}$ as a decimal.

(b) Find the value of 1050 ÷ 50.

Ans: (a)_____

(b)_____

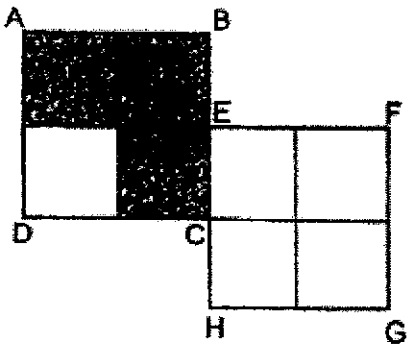
11 Mrs Lim bought a 16 kg bag of flour and packed it equally into 3 packets. What was the mass of each packet of flour? Give your answer as a mixed number in its simplest form.

Do not write in this space

Ans: _____ kg

12(a) Find the value of $4 - 2\frac{3}{5}$.

(b) The figure shown is made up of 2 identical squares, ABCD and EFGH. One square is divided into 4 equal parts. What fraction of the figure is shaded?



Ans: (a) _____

(b) _____

Do not write in this space

13 On Friday, Muthu spent $1\frac{1}{2}$ h watching televison programmes.

On Saturday, he spent $1\frac{5}{6}$ h more watching television programmes than he did on Friday. How many hours of television programmes did he watch on Saturday?

Give your answer as a mixed number in its simplest form.

Ans: _____ h

14 Ahmad had some red markers and 55 blue markers.
After he gave away 6 red markers and 5 blue markers, he had 120 markers left.
How many red markers did Ahmad have at first?

Ans: _____

Section C

For questions **15 to 17**, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (12 marks)

Do not write in this space

15 Linda had 40 more stamps than Monica at first.
When Monica gave Linda 8 of her stamps, Linda had five times as many stamps as Monica. How many stamps did Linda have at first?

Ans: _____ [4]

16 Aunty June bought a carton of apples.
There were fewer than 50 apples in the carton.
If she gave 3 apples to each neighbour, she would have 16 apples left.
If she gave 5 apples to each neighbour, she would be short of 4 apples.

(a) How many neighbours did Aunty June have?
(b) How many apples did Aunty June buy?

Do not write in this space

Ans: (a) _____ [2]

(b) _____ [2]

17 Michelle used some white and grey tiles to form figures that follow a pattern. The first four figures are shown below.

Do not write in this space

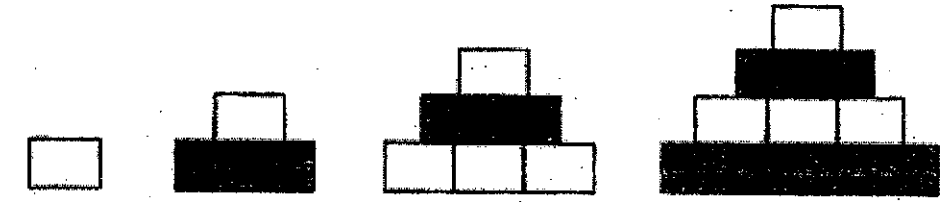


Figure 1 Figure 2 Figure 3 Figure 4

(a) Complete the table below.

Figure	Number of white tiles	Number of grey tiles	Total number of tiles
1	1	0	1
2	1	2	3
3	4	2	6
4	4	6	10
5	(i) _____	6	(ii) _____

(b) Find the total number of tiles in Figure 20.

Ans: (a)(i) _____ [1]

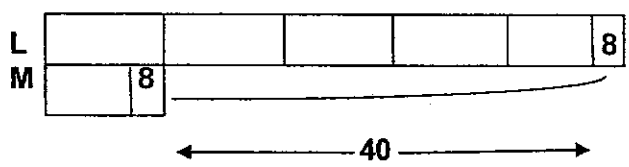
(a)(ii) _____ [1]

(b) _____ [2]

END OF PAPER

SCHOOL : METHODIST GIRLS PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 WA1

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
3	1	3	3	3	4	2	4

Q9a)	6000412
Q9b)	15092 → 15000 Ans: 15000
Q10a)	$\frac{3}{25} = \frac{12}{100} = 0.12$ Ans: 0.12
Q10b)	1050 ÷ 50 = 21 Ans: 21
Q11)	$16 \div 3 = 5\frac{1}{3}$ Ans: $5\frac{1}{3}$
Q12a)	$4 - 2\frac{3}{5} = 1\frac{2}{5}$ Ans: $1\frac{2}{5}$
Q12b)	$\frac{3}{8}$
Q13)	$1\frac{1}{2} + 1\frac{5}{6} = 1\frac{6}{12} + 1\frac{10}{12}$ $= 2\frac{16}{12}$ $= 3\frac{4}{12}$ $= 3\frac{1}{3}$
Q14)	55 – 5 = 50 120 – 50 = 70 70 + 6 = 76
Q15)	 4U = 40 + 8 + 8 = 56 1U = 56 ÷ 4 = 14

	5U = 14 x 5 = 70 No. of stamps Linda had at first = 70 – 8 = 62
Q16)	a) Aunty June has 10 neighbours Multiples of 3 = 3, 6, 9, 12, 15, 18, 21, 24, 27, 30 Multiples of 3 (+16) = 19, 22, 25, 28, 31, 34, 40, 43, 46 Mltiples of 5 = 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 Multiples of 5 (-4) = 1, 6, 11, 16, 21, 26, 31, 36, 41, 46 b) Aunty June bought 46 apples
Q17a)	i) 9 ii) 15
Q17b)	Total no. of tiles = 1 + 2 + 3 ... + 20 $= \frac{20 \times 21}{2}$ = 210