Methodist Girls' School (Primary)
Primary 4 Mathematics
Weighted Assessment 2 2023

Name: _____ ( ) Date: _____

Class: Primary 4. _____ Parent's Signature: _____

30

Question 1 to 4 carry 1 mark each. Questions 5 to 6 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 accordingly below.

(8 marks)

Do not write in this space

1 ① ② ● ④

2 ● ② ③ ④

3 ① ● ③ ④

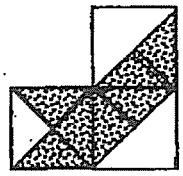
4 ● ② ③ ④

5 ① ② ③ ●

6 ① ● ③ ④

1 The figure is made up of 3 identical squares.

What fraction of the figure is unshaded?



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

(2) $\frac{5}{8}$

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

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

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2

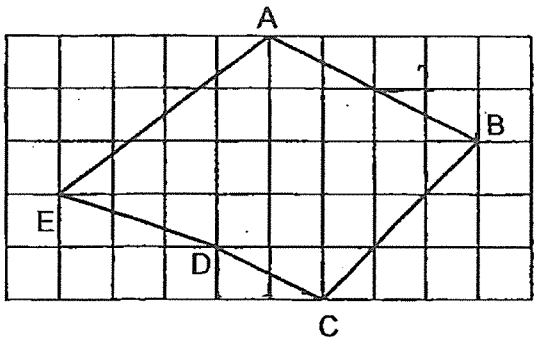


Figure ABCDE is drawn on the square grid shown.

Which one of the following statements is true?

(1) AB is parallel to CD

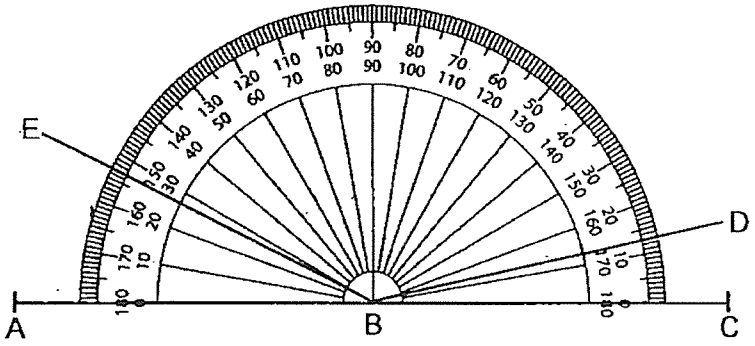
(2) AE is parallel to BC

(3) AE is perpendicular to AB

(4) BC is perpendicular to CD

Do not write in this space

3 Which one of the following angles is 27°?



(1) ∠ ABD

(2) ∠ ABE

(3) ∠ CBD

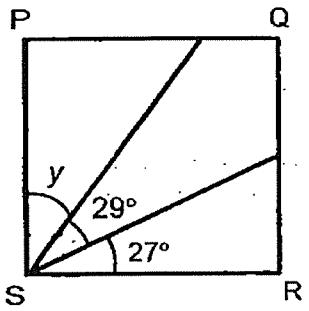
(4) ∠ CBE

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4 PQRS is a square. Find ∠y.



(1) 34°*

(2) 56°

(3) 61°

(4) 63°

5 How many eighths are there in $4\frac{1}{2}$?

(1) 9

(2) 24

(3) 32

(4) 36*

6 $\square - \frac{3}{5} = \frac{1}{10}$

What is the missing fraction in the box?

(1) $\frac{3}{15}$

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

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

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

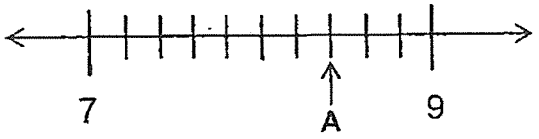
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Questions 7 to 8 carry 1 mark each. Questions 9 to 13 carry 2 marks each. Show your workings clearly in the space below each question and write your answers in the answer spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

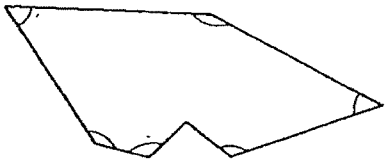
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7 What is the mixed number represented by the letter A in the number line shown?



Ans: _____

8 There are 6 marked angles in the figure. How many of them are greater than a right angle?



Ans: _____

9 Write $\frac{34}{6}$ as a mixed number. Give your answer in the simplest form.

Ans: _____

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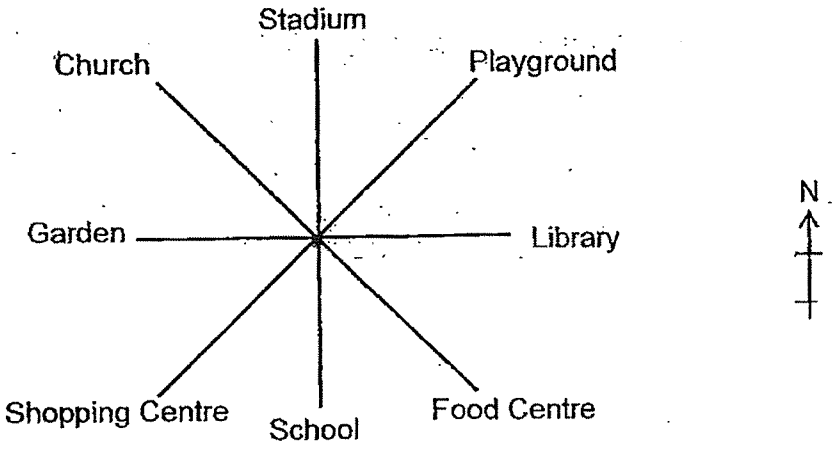
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10 Mrs Lee has $\frac{4}{5}$ m of ribbon. Her ribbon is $\frac{2}{3}$ m shorter than Mrs Chong's ribbon. What is the length of Mrs Chong's ribbon?

Ans: _____ m

11 There are 8 locations shown in the diagram below. Study the diagram and answer the questions that follow.



(a) Fatimah is facing the Garden.
She wants to make an anti-clockwise turn to face Food Centre.
What angle does she have to turn?

Ans: _____ °

(b) Mr Lim was facing one of the 8 locations at first. After he made a $\frac{3}{4}$ - turn clockwise, he now faces the Church. Which location was he facing at first?

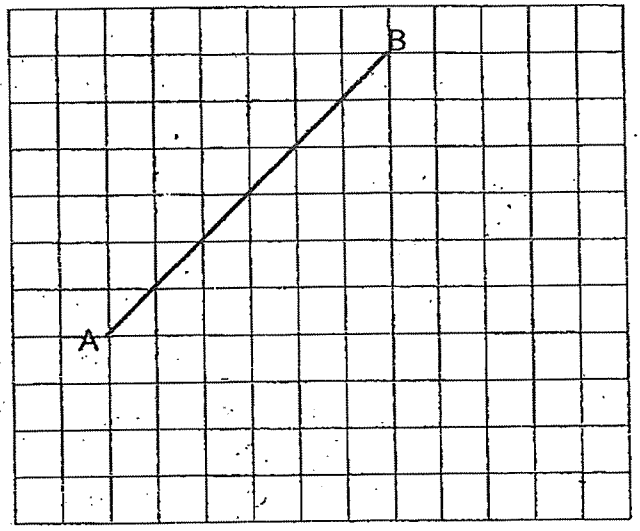
Ans: _____

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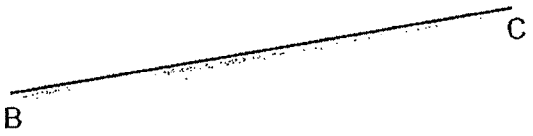
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12 The square grid shows line AB. AB is one side of a rectangle ABCD. AB is twice the line BC. Draw rectangle ABCD.
Use a pencil to draw your diagram and label it clearly.

Do not write in this space



13 ∠ABC = 146°. Draw and label the angle below.



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For questions **14 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. **(10 marks)**

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14 Tim painted a wall. On Day 1, he painted $\frac{2}{5}$ of the wall. On Day 2, he continued painting the wall. $\frac{3}{8}$ of the wall was left unpainted at the end of Day 2. What fraction of the wall did Tim paint on Day 2?

Ans: _____ [3]

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15 Study the pattern below formed using dots.

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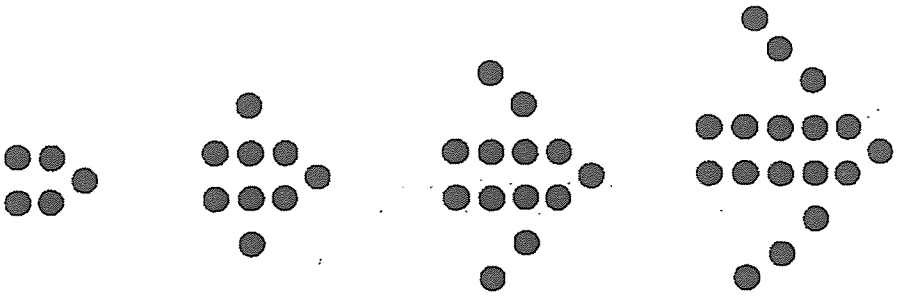


Figure 1 Figure 2 Figure 3 Figure 4

(a) Complete the table below to find the number of dots in Figure 5.

Figure	No.
1	5
2	9
3	13
4	17
5	

[1]

(b) What is the difference in the number of dots used for Figure 12 and Figure 19?

Ans: _____ [1]

(c) Which figure has 109 dots?

Ans: _____ [2]

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16 A box of pencils was shared by 40 children. Each girl received 5 pencils and each boy received 3 pencils. The children received 152 pencils altogether. How many girls were there?

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Ans: _____ [3]

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Methodist Girls' School (Primary)
Primary 4 Mathematics
Weighted Assessment 3 2023

Name: _____ ( ) Date: _____

Class: Primary 4. _____ Parent's Signature: _____

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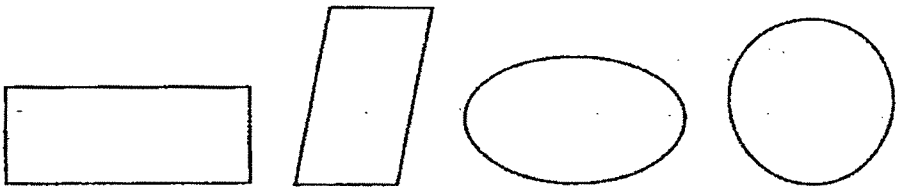
Question 1 to 4 carry 1 mark each. Questions 5 to 6 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and shade your answer accordingly below.

(8 marks)

Do not write in this space

1	①	●	③	④
2	①	②	●	④
3	●	②	③	④
4	①	②	●	④
5	①	②	③	●
6	①	②	③	●

1 Which one of the following figures is **not** a symmetric figure?



A B C D

(1) A

(2) B

(3) C

(4) D

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2 Round 276.175 to the nearest tenth.

(1) 270.0

(2) 276.1

(3) 276.2

(4) 280.0

3 Express $6\frac{1}{50}$ as a decimal.

(1) 6.02

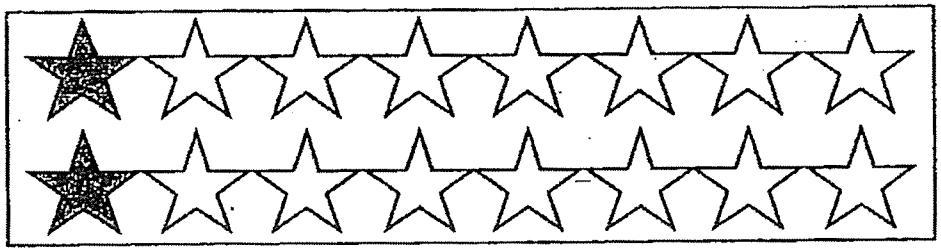
(2) 6.1

(3) 6.15

(4) 6.2

4 Zoey wants to shade $\frac{3}{4}$ of the stars below.

How many more stars must she shade?



(1) 1

(2) 7

(3) 10

(4) 12

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5 Mrs Tan had 18 kg of flour. She used $\frac{2}{3}$ of it to make some cakes. How much flour did she have left?

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

(2) 6 kg

(3) 12 kg

(4) $17\frac{1}{3}$ kg

6 Arrange the following in order from the greatest to the smallest.

$$\frac{52}{100} \ , \ 0.521 \ , \ \frac{14}{25} \ , \ 0.512$$

	(greatest)			(smallest)
(1)	$\frac{52}{100}$,	$\frac{14}{25}$,	0.512 ,	0.521
(2)	0.512 ,	$\frac{52}{100}$,	0.521 ,	$\frac{14}{25}$
(3)	0.521 ,	$\frac{14}{25}$,	0.512 ,	$\frac{52}{100}$
(4)	$\frac{14}{25}$,	0.521 ,	$\frac{52}{100}$,	0.512

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Questions **7** to **8** carry 1 mark each. Questions **9** to **13** carry 2 marks 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. (12 marks)

Do not write in the space

7 Find the value of 10.3 - 0.99.

Ans: _____

8 Find the value of 5.32 × 7.

Ans: _____

9 What is the value of 3 tens + 25 tenths + 4 hundredths?

Ans: _____

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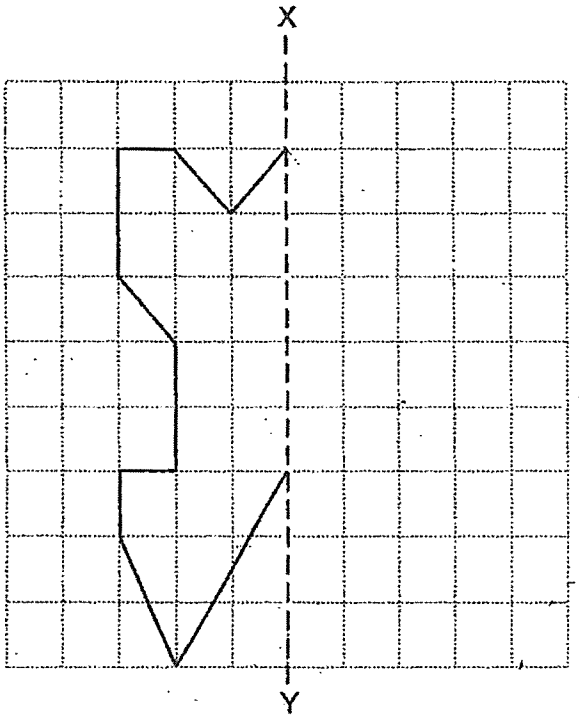
10 Kelly had a total of 60 pens and pencils.

After giving away $\frac{3}{4}$ of her pens and 20 pencils, she had an equal number of pens and pencils left. How many pencils did she have at first?

Do not write in the space

Ans: _____

11 Complete the figure below using the dotted line XY as the line of symmetry.



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12 Pei Xin had 72 stickers at first. She gave away some of her stickers to her brother and 25 stickers to her sister. She had $\frac{3}{8}$ of her stickers left.

How many stickers did Pei Xin give to her brother?

Do not write in this space

Ans: _____

13 Alan had $36.70 at first.

He spent $7.65 on a burger and a cup of drink.

His mother gave him $6.50 later that day.

How much money did Alan have in the end?

Ans: $ _____

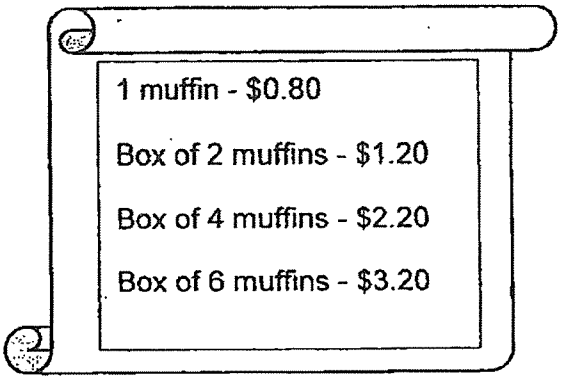
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For questions 14 to 16, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (10 marks)

Do not write in this space

14 The price of muffins at a bakery is shown below.



Mrs Tan wants to buy 35 muffins.

What is the least amount of money she needs to pay for the muffins?

Ans: _____ [3]

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15 Suzanna baked some pies. She gave $\frac{1}{4}$ of them to her relatives and $\frac{1}{3}$ of them to her neighbours. In the end, she had 30 pies left.

(a) What fraction of the pies was Suzanna left with in the end ?

Ans: _____ [1]

(b) How many pies did Suzanna bake?

Ans: _____ [2]

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16 Kim mixed 2.5 ℓ of water with 0.85 ℓ of syrup to make a fruit punch.
She accidentally spilled $\frac{1}{5}$ of her fruit punch.

Do not write in this space

(a) What is the volume of fruit punch left?

Ans: _____ [2]

(b) She poured the remaining fruit punch into 9 bottles.
How many litres of fruit punch was there in each bottle?
Round your answer to 2 decimal places.

Ans: _____ [2]

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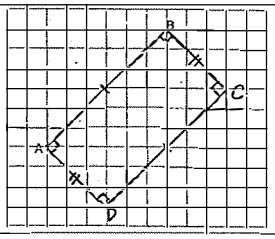
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SCHOOL : METHODIST GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 WA2

SECTION A

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

SECTION B

Q7	$8\frac{2}{5}$
Q8	4
Q9	$5\frac{2}{3}$
Q10	$\frac{4}{5} + \frac{2}{3} = \frac{12}{15} + \frac{10}{15} = \mathbf{1\frac{7}{15}}$ **m**
Q11	a) 135° b) Playground
Q12	
Q13	146°
Q14	$1 - \frac{2}{5} - \frac{3}{8} = \frac{40}{40} - \frac{15}{40} - \frac{16}{40} = \mathbf{\frac{9}{40}}$
Q15a	21
Q15b	No. of dots in Fig. 12 = 1 + 4 x 12 = 49 No. of dots in Fig. 19 = 1 + 4 x 19 = 77 77 - 49 = **28**
Q15c	109 = 1 + 4 x n 4n = 109 - 1 = 108 n = 108 ÷ 4 = **27**
Q16	Assume all boys: 40 x 3 = 120 Difference in pencils received = 152 - 120 = 32 Difference in no. of pencils between each boy and girl = 5 - 3 = 2 32 ÷ 2 = **16**

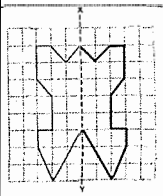
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SCHOOL : METHODIST GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 WA3

SECTION A

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

SECTION B

Q7	10.30 - 0.99 = **9.31**
Q8	5.32 x 7 = **37.24**
Q9	30 + 2.5 + 0.04 = **32.54**
Q10	60 - 20 = 40 40 ÷ 5 = 8 8 + 20 = **28**
Q11	
Q12	72 ÷ 8 = 9 3u = 9 x 3 = 27 27 + 25 = 52 72 - 52 = **20**
Q13	\$7.65 - \$6.50 = \$1.15 \$36.70 - \$1.15 = **\$35.55**
Q14	\$0.80 + \$2.20 + (\$3.20 x 5) = **\$19**
Q15a	$1 - \frac{1}{4} - \frac{1}{3} = \frac{12}{12} - \frac{3}{12} - \frac{4}{12} = \frac{\mathbf{5}}{\mathbf{12}}$
Q15b	5u = 30 1u = 6 12u = 6 x 12 = **72**
Q16a	5u = 2.5 ℓ + 0.85 ℓ = 3.35 ℓ 1u = 0.67 ℓ 3.35 - 0.67 = **2.68 ℓ**
Q16b	2.68 ÷ 9 = 0.297 ℓ ≈ **0.30 ℓ**

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