W2.8

PEI CHUN PUBLIC SCHOOL

PRIMARY 4

TERM 2 WEIGHTED ASSESSMENT 2024

MATHEMATICS

Time: 40 min

Name: _____ (   )

Class: Primary 4 /(   )_____

Date: 14 May 2024

Maths Teacher: _____

Parent's Signature: _____

SECTION A	19
SECTION B	6
TOTAL	25

INSTRUCTIONS TO CANDIDATES

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

This booklet consists of **9** printed pages including the cover page.
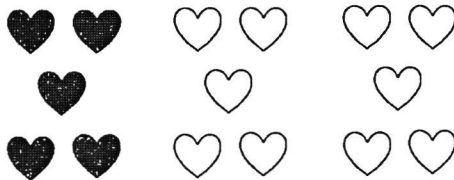
Section A

Questions **1** to **9** carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

(9 marks)

1. Draw ∠XYZ = 120°. Line XY has been drawn for you.

X _____ Y

2. What fraction of the shapes is shaded?
Leave your answer in its simplest form.

Answer :_____

3. Find the value of $\frac{7}{9} - \frac{2}{3}$.

Answer :_____

SCORE

4. What is the mixed number represented by the letter B on the number line?

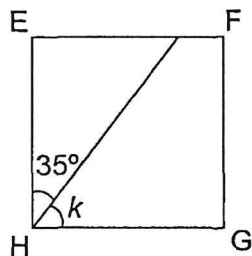Answer :_____

5. What is the missing number in the box?

$$\frac{5}{9} = \frac{\boxed{?}}{27}$$

Answer :_____

6. Express $2\frac{5}{6}$ as an improper fraction.

Answer :_____

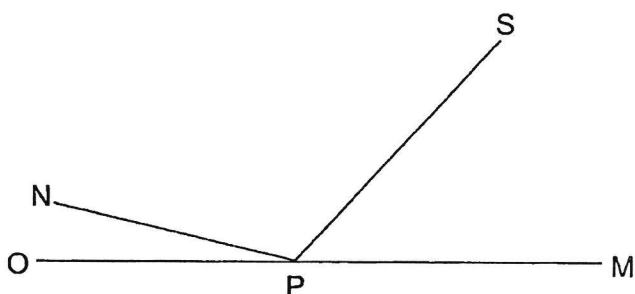7. EFGH is a square. Find $\angle k$.

Answer :_____ °

SCORE

8. Arrange the following fractions from the greatest to the smallest.

$$\frac{7}{9} \quad , \quad \frac{3}{2} \quad , \quad \frac{9}{8}$$

Answer : _____ , _____ , _____
    greatest
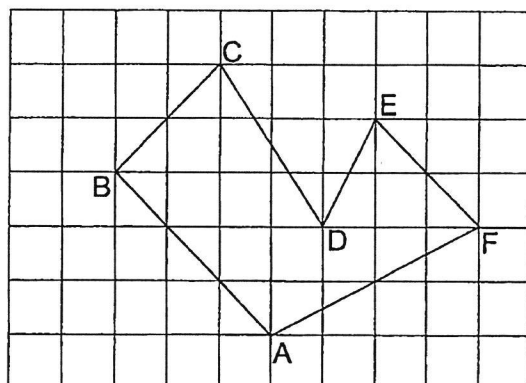
9. Name the angle that measures 167°.

Answer : ∠ _____

SCORE

Questions **10** to **14** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

10. Six lines are drawn in the square grid.

(a) Name the line that is perpendicular to AB.

Answer : (a) _____

(b) Name two lines that are parallel to each other.
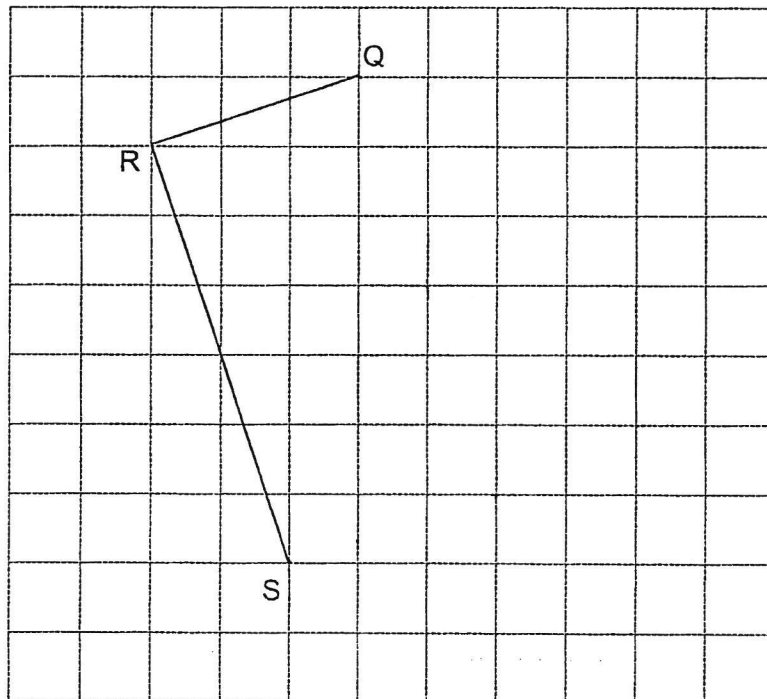
Answer : (b) _____ // _____

SCORE

11. Jane had 72 marbles. She gave $\frac{4}{9}$ of them away.
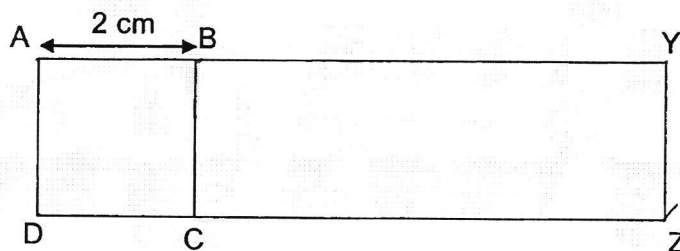How many marbles had Jane left?

Answer :_____

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12. In the square grid, two sides of a rectangle QRST have been drawn.
Complete the drawing of the rectangle.

SCORE

13. The figure below is made up of a square, ABCD, and a rectangle, BYZD.
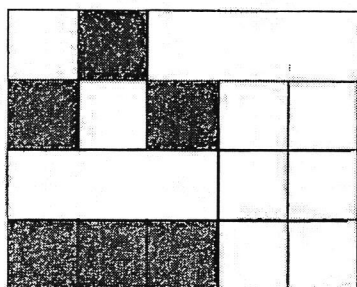AB = 2 cm. The length of BY is three times the length of AB.

A ——2 cm—— B   Y

D   C   Z

Each statement below is either true, false or not possible to tell from the
information given. For each statement, put a ( ) in the correct column.

Statement	True	False	Not possible to tell
The length of DZ is 6 cm.			
The length of YZ is longer than 2 cm.			

14. The figure below is made up of 5 identical squares and 5 identical
rectangles. $\frac{3}{10}$ of the figure is shaded. How many more rectangle(s) and
square(s) need to be shaded so that $\frac{1}{2}$ of the figure is shaded?

Answer : _____ rectangle(s)

_____ square(s)

SCORE

Section B

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.   (6 marks)

15.   There were some red and blue beads in a box.

$\frac{2}{5}$ of the beads in the box were red and the rest were blue.

There were 45 blue beads.

How many red beads were there in the box?

Answer :_____ [3]

SCORE

16. Mr Gopal bought $\frac{7}{8}$ kg of sugar.

He bought $\frac{1}{4}$ kg of sugar more than Mr Lee.

(a) How much sugar did Mr Lee buy?

Answer : (a) _____ [1]

(b) How much sugar did both Mr Lee and Mr Gopal buy altogether? Express your answer as a mixed number in its simplest form.
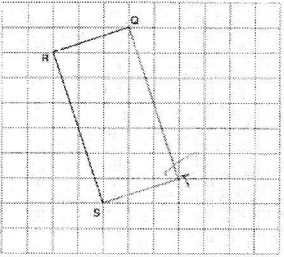
Answer : (b) _____ [2]

End of Paper

SCORE

Q1)	
Q2)	$\frac{1}{3}$
Q3)	$\frac{1}{9}$
Q4)	2¼
Q5)	15
Q6)	$\frac{17}{6}$
Q7)	55°
Q8)	$\frac{3}{2}, \frac{9}{8}, \frac{7}{9}$
Q9)	<NPM
Q10)	a) BC b) BA // EF
Q11)	40

Q12)	
Q13)	**False** **False**
Q14)	**1 rectangles (s)** **1 square (s)**
Q15)	**30**
Q16)	a) $\frac{5}{8} kg$ b) $1\frac{1}{2} kg$