PEI CHUN PUBLIC SCHOOL

PRIMARY 5

TERM 2 WEIGHTED ASSESSMENT 2025

MATHEMATICS

(No calculator is allowed)

Time: 40 min

Name: _____ ( )

Class: Primary 5 /( ) _____

Date: 29 April 2025

Maths Teacher: _____

Parent's Signature: _____

SECTION A	/18
SECTION B	/7
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.
4. The use of calculator is **NOT allowed**.

This booklet consists of **8** printed pages including the cover page.

Do not wri
in this spa

Section A

Questions 1 to 6 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(6 marks)

1. Find the value of $\frac{2}{9} \times 54$.

Answer : _____

2. Express $\frac{7}{20}$ as a decimal.

Answer : _____

3. 31 kg of rambutans were packed equally into 4 bags. What was the mass of the rambutans in each bag? Leave your answer as a mixed number in its simplest form.

Answer : _____ kg

SCORE

Do not write in this space

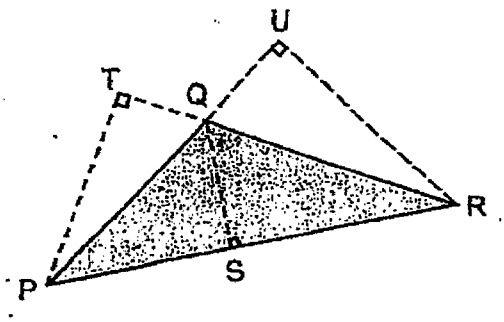
4. Joe walked $\frac{3}{5}$ km. Joe walked $\frac{1}{4}$ km more than Sally. What was the distance Sally walked? Leave your answer as a fraction in its simplest form.

Answer : _____ km

5. Express $\frac{2}{7}$ as a decimal correct to 2 decimal places.

Answer : _____

6. The diagram below shows triangle PQR.



The base of the triangle PQR is PQ. Name the height of triangle PQR given its base.

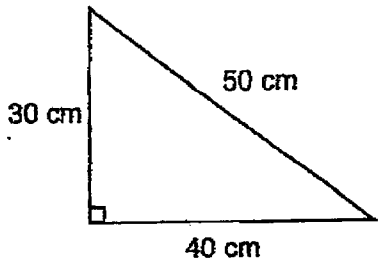
Answer : _____

SCORE

Do not writ in this spa

Questions 7 to 12 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. (12 marks)

7. Find the area of the triangle shown below.



Answer : _____ cm^2

8. Devi had $\frac{3}{4}$ kg of coffee powder. She gave $\frac{2}{5}$ of it to her brother. How much coffee powder was she left with? Leave your answer as a fraction in its simplest form.

Answer : _____ kg

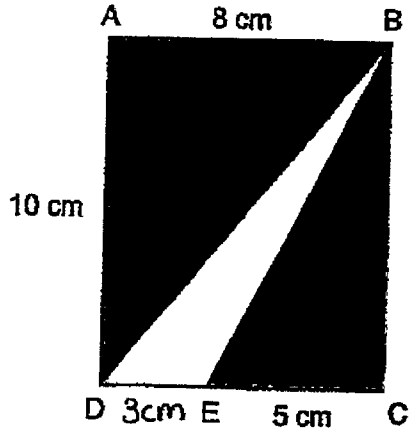
SCORE

9. 5 boys shared 4 pizzas equally. What fraction of the pizza did each boy receive?

Do not write in this space

Answer : _____

10. ABCD is a rectangle. Find the area of the **unshaded** triangle DBE.



Answer : _____ cm^2

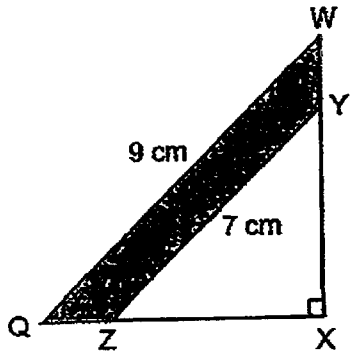
SCORE

Do not write in this space

11. Becky and Tim had the same number of beads at first. After Becky gave away $\frac{1}{3}$ of her beads and Tim gave away $\frac{1}{2}$ of his beads, Tim had 138 beads fewer beads than Becky. How many beads did Becky have at first?

Answer : _____

12. The figure below is made up of two right-angled triangles XYZ and XWQ. XY = XZ and XW = XQ. YZ is 7 cm and WQ is 9 cm.



Find the area of shaded part.

Answer : _____ cm^2

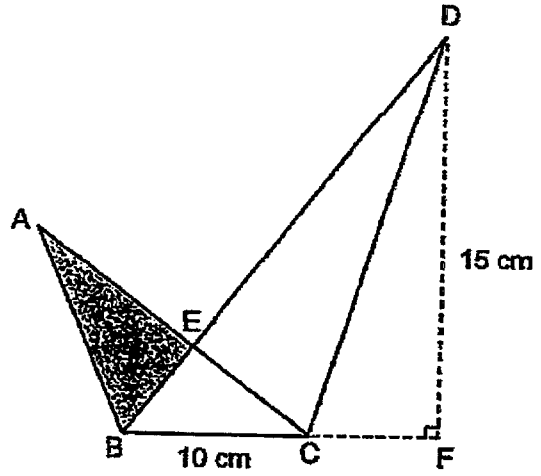
SCORE

Section B

Do not write in this space

For questions **13 and 14**, 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. (7 marks)

13. The figure below is made up of 2 overlapping triangles, ABC and BDC. The area of the figure ABCDE is 93 cm².



Find the area of the shaded triangle ABE.

Answer: _____ cm² [3]

SCORE

Do not writ
in this spac

14. Mr Liang had 32 ℓ of water. He used $\frac{3}{8}$ of it for his laundry and $\frac{7}{10}$ of the remaining water for cooking.

(a) What fraction of the water did he use for cooking?

Answer: (a) _____ [2]

(b) How much water was Mr Liang left with?

Answer: (b) _____ ℓ [2]

End of Paper

SCORE

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : PEI CHUN SCHOOL
SUBJECT : MATHEMATICS
TERM : TERM 2 WEIGHTED ASSESSMENT

(SECTION A)

Q1	12	Q2	$\frac{7}{20} = \frac{35}{100} = 0.35$
Q3	Each bag---$31 \div 4 = \frac{31}{4} = 7\frac{3}{4}$	Q4	Sally---$\frac{3}{5} - \frac{1}{4} = \frac{12}{20} - \frac{5}{20} = \frac{7}{20} km$
Q5	$\frac{2}{7}$ ~0.285 ~0.29	Q6	UR
Q7	Area Δ---$\frac{1}{2}$ x 30 x 40 =600cm^2	Q8	Gave---$\frac{2}{5}x\frac{3}{4} = \frac{6}{20}$ Left---$\frac{3}{4} - \frac{6}{20} = \frac{15}{20} - \frac{6}{20} = \frac{9}{20}$kg
Q9	Each received---$4 \div 5 = \frac{4}{5}$	Q10	Area rect---8 x 10 = 80 Area (A)---$\frac{1}{2}$x8x10=40 Area (B)---$\frac{1}{2}$x10x5=25 Area of shaded---80–40–25 =15cm^2
Q11	Becky---138 x 6 = 828	Q12	Big square--- 9 x 9 = 81 Small square--- 7 x 7 =49 Border---81 – 49 =32 One part--- 32÷ 4 =8cm^2

(SECTION B)

Q13	Area of BCD---$\frac{1}{2}$ x 15 x 10 = 75 Area of ABE---93 – 75 = 18cm^2	Q14	a) $\frac{7}{16}$ b) laundry---$\frac{3}{8}$ x 32 = 12 remaining after used for laundry--- 32 – 12 = 20 cooking---$\frac{7}{10}$ x 20 = 14 remaining after used for cooking---20 – 14 = 6λ

END