Parent's signature:

_____

Date:

_____

Anglo-Chinese School
(Primary)
A Methodist Institution
(Founded 1886)

Mathematics
Quiz 2
Topics: Fractions & Area of Triangle
Paper 1

Name: _____ ( ) Date: _____

Class: Pr 5 ___ Duration: 15 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 5 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. You are **not** allowed to use a calculator.

Section	Maximum Marks	Marks Obtained
Paper 1 **MCQ and Short Answers**	9	
Paper 2 **Problem Sums**	21	
Total Marks	30	

Section A:

Questions **1 to 3** carry 1 mark each. For each question, four options are given. One of them is the correct answer. Choose the correct answer and write its number in the brackets provided. (3 marks)

---

1. Express $1\frac{16}{40}$ as a decimal.

   (1) 1.164

   (2) 1.250

   (3) 1.400

   (4) 1.520

( )

2. Find the product of $\frac{3}{8}$ and 4.

   (1) $\frac{3}{32}$

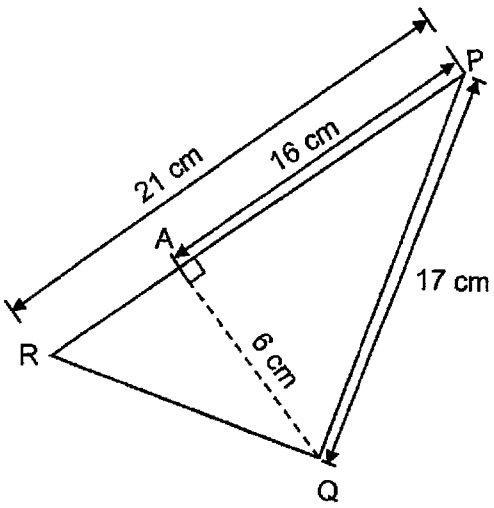
   (2) $\frac{12}{32}$

   (3) $1\frac{1}{2}$

   (4) $4\frac{3}{8}$

( )

3. What is the area of triangle RPQ?



1) 25 cm²
2) 48 cm²
3) 51 cm²
4) 63 cm²

( )

Section B:
Questions **4** to **6** carry 2 marks each. Show your mathematical statements clearly in the space provided for each question. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. (6 marks)

---

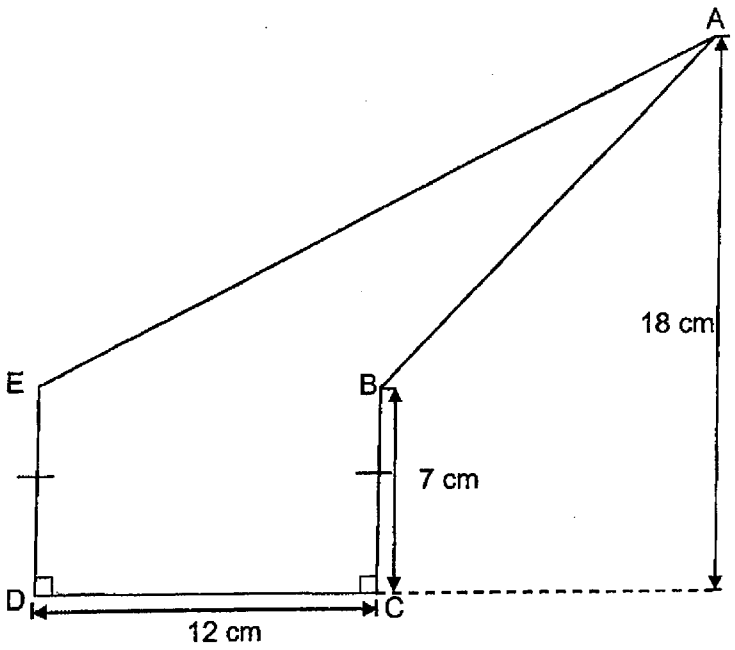
4. Jennie has 27 m of ribbon. She cuts them into exactly 5 equal pieces.
What is the length of each piece of the ribbon?

Answer: _____ m

5, Timothy runs $2\frac{3}{8}$ km each day. He runs 6 times a week.
What is the total distance Timothy run in a week?

Answer: _____ km

6. Find the area of the figure ABCDE.



Answer: _____ cm^2

- End of Paper 1 -

Anglo-Chinese School
(Primary)
A Methodist Institution
(Founded 1886)

Mathematics
Quiz 2
Topics: Fractions & Area of Triangle
Paper 2

Name: _____ ( ) Date: _____

Class: Pr 5 ___ Duration: 40 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 7 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. You are allowed to use a calculator.

Section C:

For questions **7 to 12**, show your mathematical statements clearly in the spaces provided for each question. Write your answers in the spaces provided. Give your answers to the units stated and to its simplest form whenever necessary. All figures are not drawn to scale.

(21 marks)

7. Jane bought $\frac{3}{8}$ kg of chicken and $\frac{3}{4}$ kg of beef.

What is the total mass of meat Jane bought?

Express your answer in kilograms as a decimal correct to 2 decimal places.

Answer : _____ [2]

8. At the tailor's shop, there are 3 different coloured cloth.

The tailor had 12 m of blue cloth. It is $2\frac{2}{3}$ m longer than the yellow cloth.

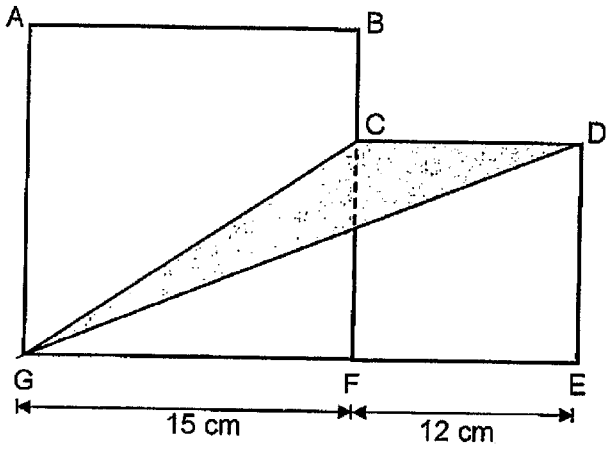
The yellow cloth is $4\frac{3}{4}$ m shorter than the red cloth.

What is the length of the red cloth?

Express your answer as a fraction in its simplest form.

Answer : _____ [3]

9. The figure below is made up of two squares ABFG and CDEF.
The side of square CDEF is 12 cm and the side of square ABFG is 15 cm.
Find the shaded area triangle CDG.

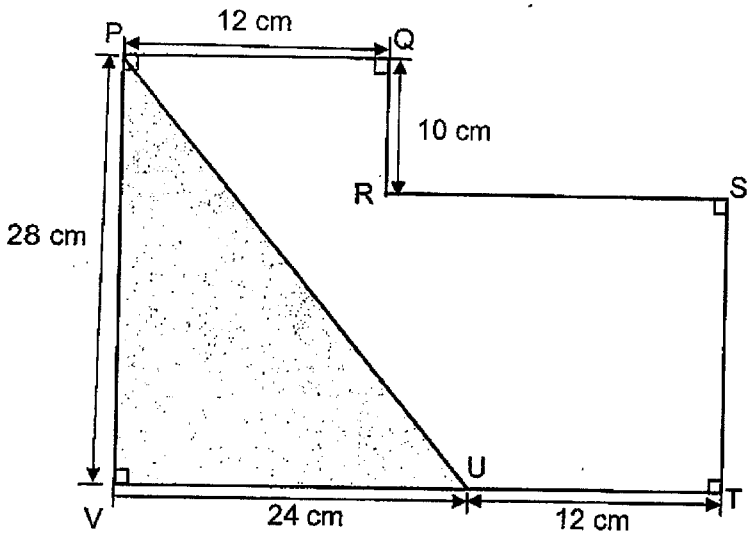


Answer : _____ [3]

10. $\frac{1}{5}$ of the books in the library are Malay books. There are 286 more Chinese books than Malay books. The remaining 650 books are English books.
How many books are there in the library?

Answer : _____ [4]

11. Find the area of the **unshaded part** of the figure below.



Answer : _____ [4]

12. Ryan spent \$72 on a pair of jeans and $\frac{3}{7}$ of his remaining money on a shirt.

He had $\frac{1}{4}$ of his money left.

(a) How much money did he have at first?

Answer :(a) _____ [3]

(b) How much more money did he spent on the pair of jeans than the shirt?

Answer :(b) _____ [2]

- End of Paper 2 -

2025 WA2 P5 Quiz 2 Answer Key

Paper 1: Section A **(3 x 1m)**

1. (3)
2. (3)
3. (4)

Paper 1: Section B **(3 x 2m)**

4. $27 \div 5 = \frac{27}{5}$ ---------- M1

$= 5\frac{2}{5}$ ---------- A1

Ans: $5\frac{2}{5}$

5. $2\frac{3}{8} \times 6 = \frac{19}{8} \times \frac{6}{1}$ ---------- M1

$= \frac{19}{4} \times \frac{3}{1}$

$= \frac{57}{4}$

$= 14\frac{1}{4}$ ---------- A1

Ans: $14\frac{1}{4}$

6. Height of triangle ABE: 18 – 7 = 11

Area of triangle ABE: $\frac{1}{2} \times 11 \times 12 = 66$

Area of Rectangle BCDE: $12 \times 7 = 84$

---------- M1

Both steps must be shown.

Area of ABDE: 66 + 84 = 150 ---------- A1

Ans: 150

Paper 2: Section C *(0.5 m deducted for missing unit of measurement.)*

7. $\frac{3}{8} + \frac{3}{4} = 1\frac{1}{8}$ ---------- M1

Or

$= 1.125$ ---------- M1

≈ 1.13 ---------- A1

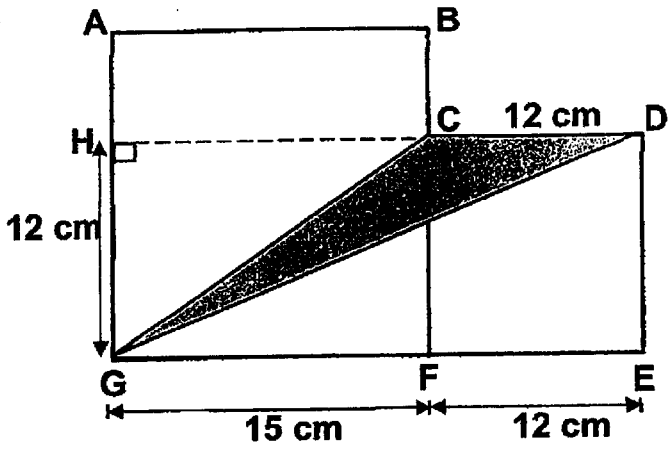
Ans: 1.13 kg

8. Yellow: $12 - 2\frac{2}{3} = 9\frac{1}{3}$ ---------- M1

Red: $9\frac{1}{3} + 4\frac{3}{4} = 14\frac{1}{12}$ ---------- M1 A1

Ans: $14\frac{1}{12}$ m

9.



Method 1 (Short Method):

½ x 12 x 12 = 72 --------- M2, A1

Method 2 (Long Method - Splitting):

Total Area (2 Squares): (15 x 15) + (12 x 12) = 369

Area of Rect ABEH: 15 x (15-12) = 45 ----------

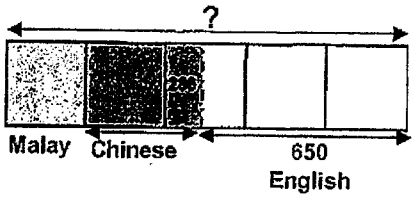
Area of Triangle HEF: ½ x 15 x 12 = 90 ---------- M1

Area of Triangle FGD: ½ x (15 + 12) x 12 = 162 ----

Area of triangle EFD: 369 – 45 – 90 -162 = 72 ------ M1, A1

Ans: 72 cm²

10.



Method 1:

3 units = 650 + 286

= 936 ---------- M1

1 unit = 936 ÷ 3

= 312 ---------- M1

5 units = 5 x 312 ---------- M1

= 1560 ---------- A1

Ans: 1560

Method 2:

3 units = 650 + 286

= 936 ---------- M1

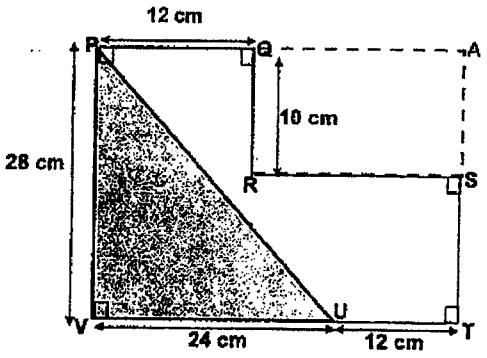
1 unit = 936 ÷ 3

= 312 (Malay)

Chinese: 312 + 286 = 598 ---------- M1

Total: 312 + 598 + 650 = 1560 ------ M1 A1

11.



METHOD 1:

VT: 24 + 12 = 36

Area of Rect. PATV:

36 x 28 = 1008 ---------- M1

Area of Triangle PVU:

½ x 24 x 28 = 336 ---------- M 0.5

Area of Rect. QASR:

24 x 10 = 240 ---------- M 0.5

Unshaded Area:

1008 – 336 – 240 = 432 ---------- M1, A1

METHOD 2:

10 X 12 = 120 ---------- M 0.5

ST: 28 – 10 = 18

18 X (24 + 12) = 648 ---------- M 0.5

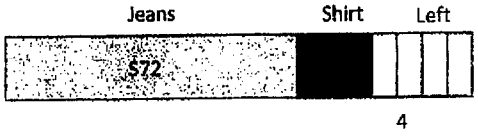
648 + 120 = 768 ---------- M 0.5

½ X 24 X 28 = 336 ---------- M 0.5

768 – 336 = 432 ---------- M1, A1

Ans: 432 cm²

12.



Left:

$\frac{1}{4} = \frac{1 \times 4}{4 \times 4}$

$= \frac{4}{16}$

(a) $16 - 7 = 9$

9 units = 72 ---------- M1

1 unit = 8

16 units = 16 x 8 ---------- M1

= 128 ---------- A1

Ans: $128

(b) **Method 1:**

$9 - 3 = 6$

6 units = 6 x 8 ---------- M1

= 48 ---------- A1

Ans: $48

Method 2:

3 units = 3 x 8 ---------- M1

= 24

72 – 24 = 48 ---------- A1

Ans: $48

4

END