Ai Tong School
P5 Mathematics
2025 Term 1 Review

Name: _____ (  ) Date: _____

Class : 5_____ Marks: _____/25

Duration: 35 min Parent's signature: _____

Follow all instructions. Answer all questions.
You are NOT allowed to use a calculator.

Section A
Questions 1 to 5 carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (5 marks)

1 What is the value of the digit 6 in 964 701?

Ans:_____

2 Find the value of 78 000 ÷ 300.

Ans: _____

2

3 Find the value of $4 - \frac{7}{11}$.

Ans: _____

---

4 Round 89 495 to the nearest thousand.

Ans: _____

---

5 Find the value of $\frac{7}{9} \times 72$.

Ans: _____

---

## Section B

Questions 6 to 10 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (10 marks)

---

6 What is the value of $42 \div (56 - 8 \times 4) \div 6$?

Ans: _____

---

7 9ℓ of orange juice was poured equally into 12 bottles.
How much orange juice was poured into each bottle?
Give your answer as a fraction in its simplest form.

Ans: _____ ℓ

---

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

Ans: _____

---

9 Devi had $\frac{5}{8}$ kg of sugar. She used $\frac{4}{5}$ of it to make some dessert.
What was the mass of sugar that she used?
Give your answer as a fraction in its simplest form.

Ans: _____ kg

---

10 Mrs Tan baked 505 muffins.

She sold 125 muffins in the morning and $\frac{2}{5}$ of the muffins in the afternoon.

How many muffins did she sell altogether?

Ans: _____

---

## Section C

For questions **11** to **13**, show your working clearly and write the answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (10 marks)

---

**11** Mr Lee spent $\frac{4}{9}$ of his salary on food and $\frac{3}{10}$ of the remainder on transport.
He then saved the rest of his salary.
Mr Lee spent $56 more on food than the amount he saved.
How much was Mr Lee's salary?

Ans: $_____ [3]

---

12 Ann, Ben and Cara had some money. Ann and Ben had $2661.
Ben and Cara had $5874. Cara had 4 times as much money as Ann.
How much money did Ben have?

Ans: $_____ [3]

13 There were 1320 marbles in Box A.
Box A had 720 more marbles than Box B.
Some marbles were moved from Box A to Box B.
Box B then had 5 times as many as Box A.
How many marbles were moved from Box A to Box B?

Ans: _____ [4]

End of Paper
--- CHECK YOUR WORK CAREFULLY --

SCHOOL : AITONG SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : WA1 2025

CONTACT : CALL MR GAN @ 9299 8971,

| | |
|---|---|
| Q1) | 60000 |
| Q2) | 78000 ÷ 300 = 260 |
| Q3) | $3\frac{4}{11}$ |
| Q4) | 89000 |
| Q5) | 56 |
| Q6) | 42 + (56 – 32) ÷ 6<br>= 42 + 24 ÷ 6<br>= 42 + 4 = 46 |
| Q7) | 9 ÷ 12 = 0.850<br>= $\frac{9}{12}$ ÷ 3 = ¾ |
| Q8) | 0.29 |
| Q9) | ½ kg |
| Q10) | 505 ÷ 5 = 101<br>$\frac{1}{5}$ →101<br><br>$\frac{2}{5}$ → 101 x 2 = 202<br><br>202 + 125 = 327 |
| Q11) | 8u – 7u = 1u<br>1u = $56<br>18u = $56 x 18 = $1008 |
| Q12) | 4u – 1u = 3u<br>3u →5874 – 2661 = 3213<br>1u →3213 ÷ 3 = 1071<br>Ben →2661 – 1071 = $1590 |
| Q13) | 1320 – 720 = 600<br>1320 + 600 = 1920<br>6U = 1920 |

| | |
|---|---|
| | 1U = 1920 ÷ 6 = 320<br>1320 – 320 = 1000 |

wa1.6

RED SWASTIKA SCHOOL
MATHEMATICS
PRIMARY 5
CLASS TEST (1)

/ 35

Name: _____ (  )  Date: 16 May 2025

Class: Pr 5 / _____  Duration: 45 minutes
(Use of calculators is not allowed)

Parent's Signature: _____

Section A

Questions 1 to 2 carry 1 mark each. Questions 3 to 5 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 in the Optical Answer Sheet. (8 marks)

---

1 Which of the following is sixty-three thousand and fifty in numerals?

(1) 6350
(2) 63 050
(3) 63 500
(4) 630 050

(  )

2 Which of the following is equal to $2\frac{3}{5}$?

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

(2) $\frac{11}{5}$

(3) $\frac{13}{5}$

(4) $\frac{23}{5}$

(  )

---

/ 2

3 Miss Lee had $\frac{6}{7}$ kg of flour. She used $\frac{1}{6}$ of it on Friday and $\frac{1}{7}$ kg on Saturday. How much flour had she left?

(1) $\frac{2}{7}$ kg

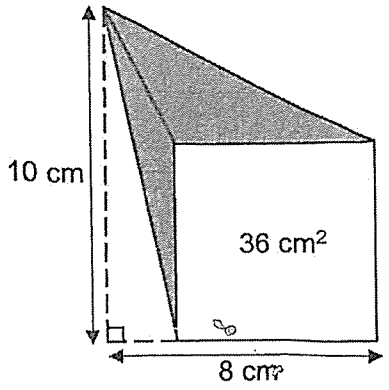
(2) $\frac{4}{7}$ kg

(3) $\frac{13}{42}$ kg

(4) $\frac{23}{42}$ kg

( )

4 The figure is made up of 2 shaded triangles and a square. The area of the square is 36 cm$^2$.




Find the total area of the two shaded triangles.

(1) 18 cm$^2$

(2) 27 cm$^2$

(3) 36 cm$^2$

(4) 54 cm$^2$

( )

4

5 A pattern is formed using stars and hearts. The first 15 shapes are shown.

1st 15th

The star appears 75 times in the pattern. What is the smallest possible number of hearts in the pattern?

(1) 29

(2) 30

(3) 49

(4) 50 ( )

2

Section B

Questions **6** to **13** carry 2 marks each. Show your working clearly and write your answers in the space provided. For questions which require units, give your answers in the units stated.

(16 marks)

---

**6** (a) Find the value of $1300 \times 200$

Ans: (a) _____

(b) What is the value of $40 - (7 + 13) \div 5 \times 2$?

Ans: (b) _____

---

**7** (a) Find the value of $\frac{4}{5} \times \frac{2}{3}$

Ans: (a) _____

(b) Find the value of $3 - \frac{2}{5} - \frac{1}{4}$

Ans: (b) _____

---

4

8 (a) Write down all the common factors of 6 and 8.

Ans: (a) _____

(b) Write down all the common multiples of 6 and 8 that are smaller than 50.

Ans: (b) _____

---

9 The sum of two numbers is 19 905. The difference between the two numbers is 1905.

(a) Round 19 905 to the nearest thousand.

Ans: (a) _____

(b) What is the smaller number?

Ans: (b) _____

---

4

**10** (a) Express $\frac{1}{4}$ as a decimal.

Ans: (a) _____

(b) A class of students were divided into two groups, A and B. There were twice as many students in group A as group B. $\frac{1}{4}$ of the students in group A were girls. $\frac{2}{3}$ of the students in group B were girls. What fraction of the students in the class were girls?

Ans: (b) _____

---

**11** Mr Kumar had the same number of donuts and cupcakes. After selling 84 donuts and 30 cupcakes, the number of cupcakes left was 4 times as many as the number of donuts left. How many donuts did Mr Kumar have at first?

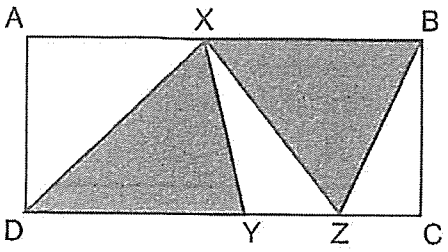
Ans: _____

---



4

12 Rectangle ABCD is made up of five triangles. AX is shorter than XB and AX = YC.




Each statement below is either true, false or not possible to tell from the information given above. For each statement, put a tick (√) to indicate your answer.

| Statement | True | False | Not possible to tell |
|---|---|---|---|
| $\frac{1}{2}$ of rectangle ABCD is shaded. | | | |
| The two shaded triangles have the same area. | | | |
| The total area of triangle AXD and triangle XBZ is $\frac{1}{2}$ the area of rectangle ABCD. | | | |

13 Jane has a rectangular piece of paper with an area of 140 $cm^2$ as shown in Figure 1. She folded it along the dotted line and obtained Figure 2. The area of the shaded part is $\frac{3}{7}$ the area of Figure 2.

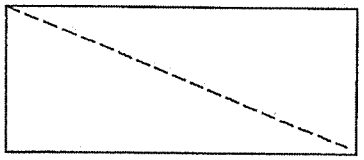


Figure 1

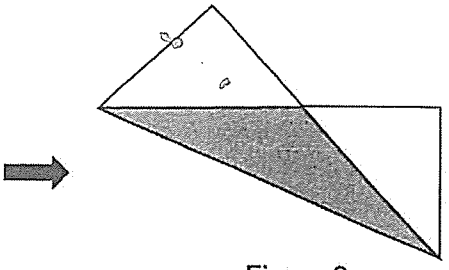


Figure 2

Find the area of Figure 2.

Ans: _____ $cm^2$

4

Section C

For questions **14** to **16**, 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. For questions which require units, give your answers in the units stated.

(11 marks)

---

**14** Wei Ling had a sum of money at first. She spent \$80 on a dress and $\frac{1}{4}$ of the remaining sum of her money on a bag. She then had $\frac{3}{8}$ of her money left.

(a) What fraction of her money did she spend in total?

Ans: (a) _____ [1]

(b) What fraction of her money did she spend on the dress?

Ans: (b) _____ [1]

(c) How much money did she have at first?

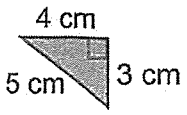
Ans: (c) \$_____ [2]

---



4

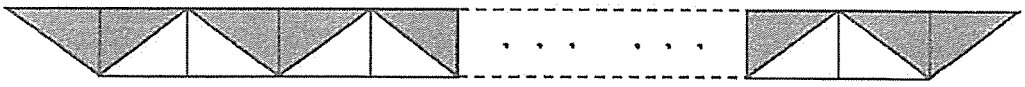
15 Muthu drew a grey right-angled triangle as shown below.




(a) Find the area of the triangle.

Ans: (a) _____ $cm^2$ [1]

He then continued drawing more identical grey and white right-angled triangles in a row to form a figure with repeated pattern as shown below. The perimeter of the figure is 114 cm.



(b) Find the area of the figure.

Ans: (b) _____ $cm^2$ [2]

(c) What fraction of the figure is made up of white triangles?

Ans: (c) _____ [1]

4

16 Mrs Tan bought three times as many plates as cups from a shop. She spent $340 in total and the amount she spent on the plates was $200 more than the amount she spent on the cups. The cost of each plate was $2 more than the cost of each cup.

**Plate**

**Cup**

(a) How much did Mrs Tan spend on all the cups?

Ans: (a) $_____ [1]

(b) How many cups did she buy?

Ans: (b) _____ [2]

End of Paper



3

RED SWASTIKA SCHOOL
MATHEMATICS
PRIMARY 5
CLASS TEST (1)

35

Name: _____ Date: 16 May 2025

Class: Pr 5 / _____ Duration: 45 minutes
(Use of calculators is not allowed)

Parent's Signature: _____

Section A

Questions 1 to 2 carry 1 mark each. Questions 3 to 5 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 in the Optical Answer Sheet. (8 marks)

1 Which of the following is sixty-three thousand and fifty in numerals?

(1) 6350
(2) 63 050
(3) 63 500
(4) 630 050

63 000 + 50 = 63 050 ✓

( 2 )

2 Which of the following is equal to $2\frac{3}{5}$?

(1) $\frac{6}{5}$
(2) $\frac{11}{5}$
(3) $\frac{13}{5}$
(4) $\frac{23}{5}$

2 × 5 = 10 ✓
10 + 3 = 13 ✓

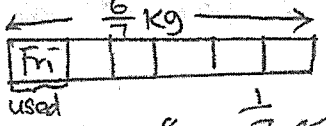
( 3 )

2



3 Miss Lee had $\frac{6}{7}$ kg of flour. She used $\frac{1}{6}$ of it on Friday and $\frac{1}{7}$ kg on Saturday. How much flour had she left?

(1) $\frac{2}{7}$ kg
(2) $\frac{4}{7}$ kg
(3) $\frac{13}{42}$ kg
(4) $\frac{23}{42}$ kg



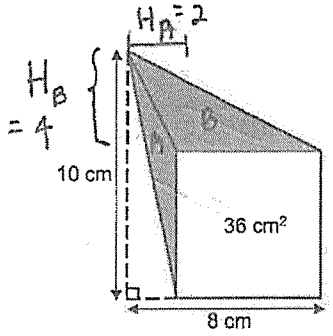

Fri: $\frac{1}{6} \times \frac{6}{7} = \frac{1}{7}$ ✓

Left: $\frac{6}{7} - \frac{1}{7} = \frac{5}{7}$ ✓

$= \frac{4}{7}$

( 2 )

4 The figure is made up of 2 shaded triangles and a square. The area of the square is 36 cm².




Area of sq = L × L
36 = 6 × 6 ✓

$H_B$: 10 − 6 = 4
$H_A$: 8 − 6 = 2

Find the total area of the two shaded triangles.

(1) 18 cm²
(2) 27 cm²
(3) 36 cm²
(4) 54 cm²

$\Delta A = \frac{1}{2} \times 2 \times 6 = 6$ ✓

$\Delta B = \frac{1}{2} \times 6 \times 4 = 12$ ✓

Total area = 6 + 12
= 18

( 1 )

4

5 A pattern is formed using stars and hearts. The first 15 shapes are shown.

1st 15th

The star appears 75 times in the pattern. What is the smallest possible number of hearts in the pattern?

(1) 29
(2) 30
(3) 49
(4) 50

( 3 )

1 group = 3 ★
No. of groups = 75 ÷ 3 = 25
1 group = 2 ♥
25 groups = 2 ♥ × 25 = 50 ♥ (maximum)
Smallest possible no. of ♥ = 50 − 1 = **49**
25th group ★ ★ ♥ ★
**Ans: 49**



Section B

Questions 6 to 13 carry 2 marks each. Show your working clearly and write your answers in the space provided. For questions which require units, give your answers in the units stated.
(16 marks)

6 (a) Find the value of 1300 × 200

$1300 \times 2 \times 100$
$= 2600 \times 100$
$= 260\,000$

Ans: (a) 260 000

(b) What is the value of $40 - (7 + 13) \div 5 \times 2$?

$40 - (7 + 13) \div 5 \times 2$
$= 40 - 20 \div 5 \times 2$
$= 40 - 4 \times 2$
$= 40 - 8$
$= 32$

Ans: (b) 32

7 (a) Find the value of $\frac{4}{5} \times \frac{2}{3}$

$\frac{4}{5} \times \frac{2}{3} = \frac{4 \times 2}{5 \times 3}$
$= \frac{8}{15}$

Ans: (a) $\frac{8}{15}$

(b) Find the value of $3 - \frac{2}{5} - \frac{1}{4}$

$3 - \frac{2}{5} - \frac{1}{4}$
$= 2\frac{5}{5} - \frac{2}{5} - \frac{1}{4}$
$= 2\frac{3}{5} - \frac{1}{4}$
$= 2\frac{12}{20} - \frac{5}{20}$
$= 2\frac{7}{20}$

Ans: (b) $2\frac{7}{20}$

4

8 (a) Write down all the common factors of 6 and 8.

6: 1 × 6, 2 × 3 ✓

8: 1 × 8, 2 × 4 ✓

Ans: (a) 1, 2

(b) Write down all the common multiples of 6 and 8 that are smaller than 50.

Multiples of 6: 6, 12, 18, ~~24~~, 30, 36, 42, 48

Multiples of 8: 8, 16, 24, 32, 40, 48

✓ ✓

Ans: (b) 24, 48

---

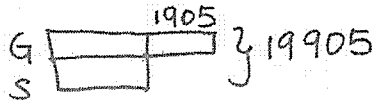
9 The sum of two numbers is 19 905. The difference between the two numbers is 1905.

(a) Round 19 905 to the nearest thousand.

19905 ≈ 20000 ✓

Ans: (a) 20 000

(b) What is the smaller number?




2u = 19 905 − 1905

= 18000 ✓

1u = 18000 ÷ 2 ✓

= 9000

Ans: (b) 9000

4

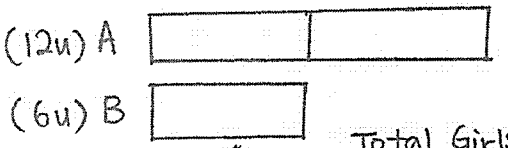


10 (a) Express $\frac{1}{4}$ as a decimal.

$\frac{1}{4} = \frac{25}{100}$ ✓

Ans: (a) 0·25

(b) A class of students were divided into two groups, A and B. There were twice as many students in group A as group B. $\frac{1}{4}$ of the students in group A were girls. $\frac{2}{3}$ of the students in group B were girls. What fraction of the students in the class were girls?




$\frac{1}{4} = \frac{3}{12}$ ✓

$\frac{2}{3} = \frac{4}{6}$ ✓

Total Girls: 3 + 4 = 7 ✓

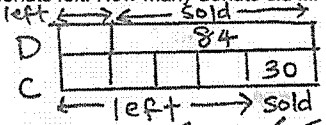
Total students = 12 + 6 ✓

= 18

Ans: (b) $\frac{7}{18}$

---

11 Mr Kumar had the same number of donuts and cupcakes. After selling 84 donuts and 30 cupcakes, the number of cupcakes left was 4 times as many as the number of donuts left. How many donuts did Mr Kumar have at first?




3u = 84 − 30 = 54 ✓

1u = 54 ÷ 3 ✓ = 18

No. of donuts at first

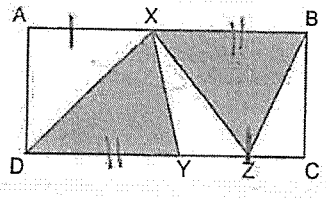
= 18 + 84

= 102

Ans: 102

4

**12** Rectangle ABCD is made up of five triangles. AX is shorter than XB and AX = YC.




Each statement below is either true, false or not possible to tell from the information given above. For each statement, put a tick (√) to indicate your answer.

| Statement | True | False | Not possible to tell |
|---|---|---|---|
| $\frac{1}{2}$ of rectangle ABCD is shaded. | | ✓ | |
| The two shaded triangles have the same area. | ✓ | | |
| The total area of triangle AXD and triangle XBZ is $\frac{1}{2}$ the area of rectangle ABCD. | ✓ | | |

same base
same height

**13** Jane has a rectangular piece of paper with an area of 140 cm² as shown in Figure 1. She folded it along the dotted line and obtained Figure 2. The area of the shaded part is $\frac{3}{7}$ the area of Figure 2.

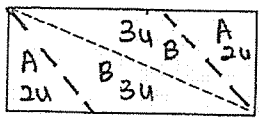



Figure 1

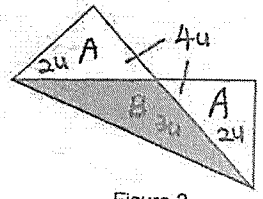



Figure 2

Find the area of Figure 2.

Figure 1 : 2u + 3u + 3u + 2u = 10u

10u = 140

1u = 140 ÷ 10 = 14

7u = 14 × 7 = 98

Ans: 98 cm²



4

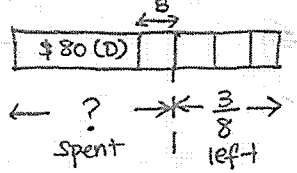
Section C

For questions **14** to **16**, 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. For questions which require units, give your answers in the units stated.

(11 marks)

**14** Wei Ling had a sum of money at first. She spent \$80 on a dress and $\frac{1}{4}$ of the remaining sum of her money on a bag. She then had $\frac{3}{8}$ of her money left.

(a) What fraction of her money did she spend in total?




1 − 3/8 = 5/8

Ans: (a) 5/8 [1]

(b) What fraction of her money did she spend on the dress?

5/8 − 1/8 = 4/8

Ans: (b) 4/8 [1]

(c) How much money did she have at first?

4u = 80

1u = 80 ÷ 4 = 20

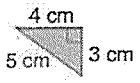
8u = 10 × 16 × 8 / 10 = 160

Ans: (c) \$ 160 [2]



4

15 Muthu drew a grey right-angled triangle as shown below.




(a) Find the area of the triangle.

$\frac{1}{2} \times 4 \times 3 = 6$

Ans: (a) 6 cm² [1]

He then continued drawing more identical grey and white right-angled triangles in a row to form a figure with repeated pattern as shown below. The perimeter of the figure is 114 cm.


(b) Find the area of the figure.

No. of Δ drawn = (114 − 5 − 5) ÷ 4
= 26

Area of fig = 26 × 6
= 156

Ans: (b) 156 cm² [2]

(c) What fraction of the figure is made up of white triangles?

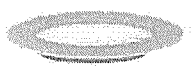
No. of white Δ = (26 − 2) ÷ 2
= 12

Ans: (c) $\frac{12}{26}$ [1]

4



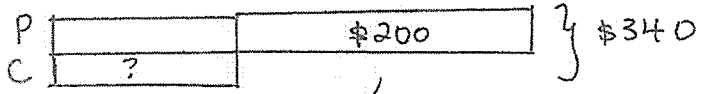
16 Mrs Tan bought three times as many plates as cups from a shop. She spent $340 in total and the amount she spent on the plates was $200 more than the amount she spent on the cups. The cost of each plate was $2 more than the cost of each cup.



Plate


Cup

(a) How much did Mrs Tan spend on all the cups?

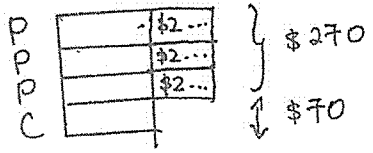



2u = 340 − 200
= 140
1u = 140 ÷ 2
= 70

Ans: (a) $ 70 [1]

(b) How many cups did she buy?

Amount spent on all the plates = 70 + 200
= 270




1 ▭ → $70
3 ▭ → $70 × 3
= $210
3 [$2...] → $270 − $210
= $60
1 [$2...] → $60 ÷ 3 = $20

No. of cups bought
= 20 ÷ 2
= 10

Ans: (b) 10 [2]

End of Paper

2015

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