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)

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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?

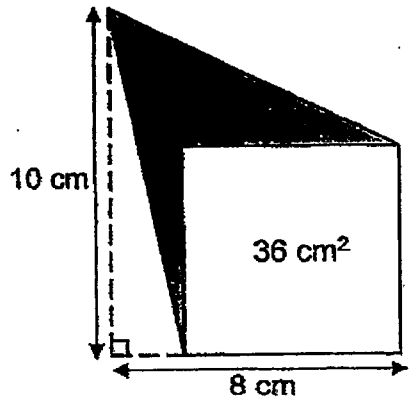
(1) $\frac{2}{7}$ kg

(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)

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6 (a) Find the value of 1300×200

Ans: (a) _____

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

Ans: (b) _____

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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) _____

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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) _____

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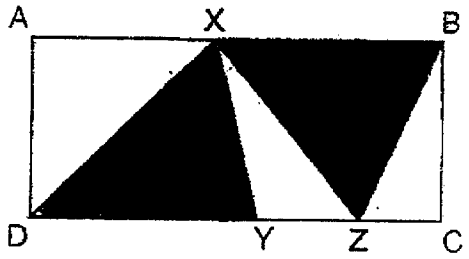
11 Mr Kumar had the same number of donuts and cupcakes. After selling 84 donuts and 30 cupcakes, the number of cupcakes left was 4 times as many as the number of donuts left. How many donuts did Mr Kumar have at first?

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.			

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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.

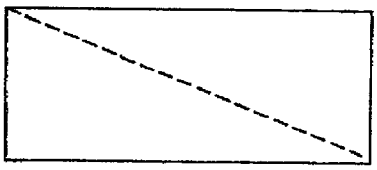

Figure 1

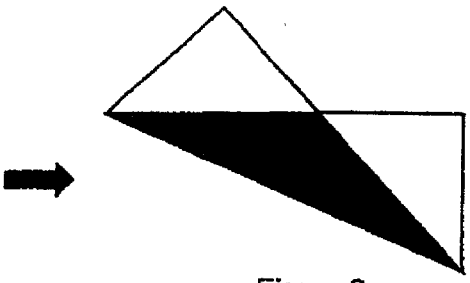

Figure 2

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)

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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?

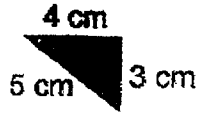
Ans: (b) _____ [1]

(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.

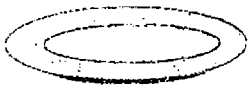
(b) Find the area of the figure.

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

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

Ans: (c) _____ [1]

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

YEAR : 2025
LEVEL : PRIMARY 5
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM : CLASS TEST (1)

(BOOKLET A)

Q1	2	Q2	3	Q3	2	Q4	1	Q5	3

(BOOKLET B)

Q6

a) $1300 \times 2 \times 100 = 260\,000$

b) $40 - 20 \div 5 \times 2 =$
$40 - 8 = 32$

Q7

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

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

Q8

a) 6 : 1 x 6
2 x 3
8 : 1 x 8
2 x 4
1, 2

b) Multiples of 6 : 6, 12, 18, 24, 30, 36, 42, 48
Multiples of 8 : 8, 16, 24, 32, 40, 48
Ans : 24, 48

Q9

a) $19\,905 = 20\,000$

b) $2u = 19\,905 - 1\,905 = 18\,000$
$1u = 9\,000$

Q10

a) $\frac{1}{4} = \frac{25}{100} = 0.25$

b) $\frac{1}{4} = \frac{3}{12}$
$\frac{2}{3} = \frac{4}{6}$
$12 + 6 = 18$ $\frac{7}{18}$

Q11

$3u = 84 - 30 = 54$
$1u = 18$
No. of donuts at first = $18 + 84 = 102$

Q12

False
True
True

Q13

Figure 1 = $2u + 3u + 3u + 2u = 10u$
$10u = 140$
$1u = 14$
$7u = 98\text{cm}^2$

Q14

a) $1 - \frac{3}{8} = \frac{5}{8}$

b) $\frac{5}{8} - \frac{1}{8} = \frac{4}{8}$

c) $4u = 80$
$1u = 20$
$8u = 160$

Q15

a) $\frac{1}{2} \times 4 \times 3 = 6\text{cm}^2$

b) No. of triangles drawn = $(114 - 5 - 5) \div 4 = 26$
Area of figure = $26 \times 6 = 156\text{cm}^2$

				c)	No of white triangles = (26 – 2) ÷ 2 = 12 = $\frac{12}{26}$
Q16	a)	2u = 340 – 200 = 140 1u = $70			
	b)	cups = 70 3 = 70 x 3 = 210 $270 – 210 = $60 60 ÷ 3 = 20 No. of cups bought = 20 ÷ 2 = 10			

2

END