Red Swastika School
Primary 5
Class Test 1
Mathematics

40

Name: _____ ( ) Date: 3 May 2023

Class: Pr 5 / _____ Duration: 50 minutes
(Use of calculators is not allowed)

Parent's Signature: _____

Questions 1 to 10 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 write its number in the brackets provided. (20 marks)

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1 What is the value of the digit 4 in 5 468 900?

(1) 400 000
(2) 40 000
(3) 400
(4) 4

( )

2 What is the value of 505 × 400?

(1) 2020
(2) 20 200
(3) 202 000
(4) 2 002 000

( )

3 Express $\frac{3}{20}$ as a decimal.

(1) 0.3
(2) 0.03
(3) 0.15
(4) 0.015

( )

6

4 Find the value of $\frac{6}{5} \times 30$

(1) 10
(2) 12
(3) 25
(4) 36

( )

5 Which of the following has the smallest value?

(1) $\frac{6}{5} \times \frac{10}{2}$
(2) $\frac{6}{5} \times \frac{10}{4}$
(3) $\frac{10}{2} \times \frac{8}{5}$
(4) $\frac{10}{4} \times \frac{8}{5}$

( )

6 100 identical chairs cost \$6 000 and 20 identical tables cost \$9 000.
Find the total cost of 1 chair and 1 table.

(1) \$105
(2) \$510
(3) \$645
(4) \$960

( )

6

7 The total length a wire and a rod is $4\frac{1}{2}$ m. The length of the wire is $1\frac{1}{3}$ m. Find the difference in their lengths.

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

(2) $3\frac{1}{6}$ m

(3) $2\frac{5}{6}$ m

(4) $1\frac{5}{6}$ m

( )

8 In $\frac{4}{\text{A}} \times \frac{\text{B}}{6} = \frac{2}{9}$, there are 2 stickers covering parts of 2 fractions as shown.

Which of the following are possible numbers under each sticker?

	A	B
(1)	2	1
(2)	3	2
(3)	12	4
(4)	10	5

( )

4

9 Tommy had 60 marbles. $\frac{1}{4}$ of the marbles were red, $\frac{1}{6}$ of them were green and the rest were blue. How many blue marbles did Tommy have?

(1) 50
(2) 35
(3) 25
(4) 10

( )

10 Mrs Lin bought 3 kg of flour. She used half of it to bake a cake. She used some flour to bake a pie and had $\frac{3}{8}$ kg of flour left. How much flour did she use to bake the pie?

(1) $1\frac{1}{8}$ kg

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

(3) $2\frac{1}{8}$ kg

(4) $2\frac{5}{8}$ kg

( )

4

Questions **11** to **16** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

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11 Find the value of 45 000 ÷ 60

Ans: _____

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12 Find the value of $4 + 6 \times 8 \div (5 - 1 \times 2)$

Ans: _____

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13 Find the value of 30 ÷ 8
Express your answer as a mixed number in its simplest form.

Ans: _____

6

14 In the number line below, A and B are mixed numbers.

(a) Find A.

Ans: (a) _____ [1]

(b) Find A + B.

Ans: (b) _____ [1]

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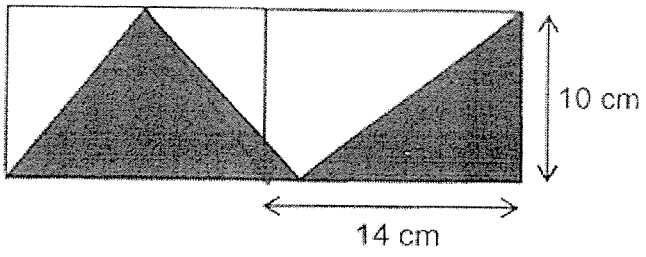
15 The figure below is made up of 2 identical rectangles and 2 shaded triangles. Find the total area of the 2 shaded triangles.

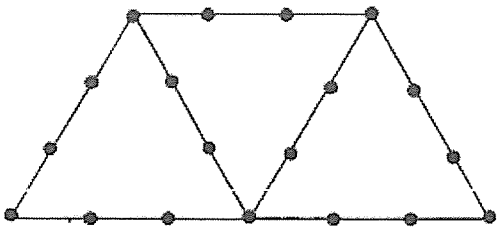


Ans: _____ cm^2

4

16 Dots are placed at an equal distance from each other along the 7 sides of the 3 triangles below. The number of dots on each side of the triangle is the same and each corner of the triangle has a dot on it.

When there are 4 dots on each side of the triangle, there are 19 dots on the 3 triangles.



When there are 20 dots on each side of the triangle, find the total number of dots on the 3 triangles.

Ans: _____

2

For Questions 17 and 18, show your workings clearly in the space below each question 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. (8 marks)

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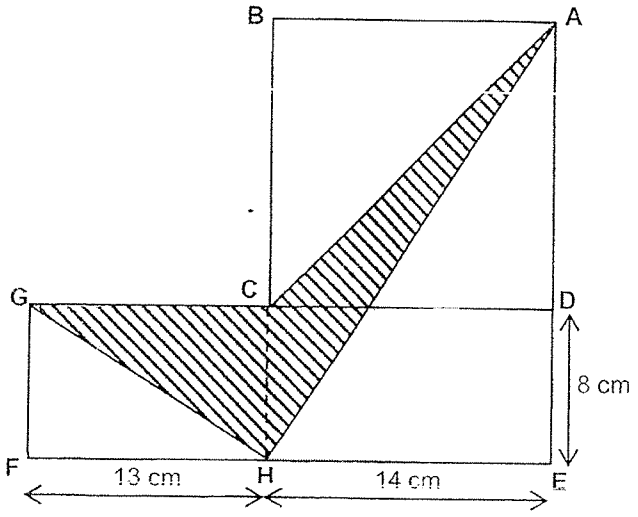
17 In the figure below, not drawn to scale, ABCD is a square, DEFG is a rectangle, AC, CH, AH and GH are straight lines. Find the total area of the shaded parts.



Ans: _____ [4]

4

18 Mr Tan baked 440 apple pies and banana pies at first. He sold $\frac{3}{4}$ of the apple pies and $\frac{2}{5}$ of the banana pies. The number of banana pies unsold was twice the number of apple pies unsold.

(a) Which pies did Mr Tan bake more at first? How many more? Write your answer in the space provided and circle the pies that Mr Tan baked more.

Ans: He baked _____ more (apple / banana) pies. [2]

(b) What was the total number of pies sold?

Ans: (b) _____ [2]

End of paper

Have you checked your work?

4

SCHOOL : RED SWASTIKA SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : CLASS TEST 1 (2023)

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	3	3	4	2	2	4	3	2	1

Q11)	**4500 ÷ 6 = 450**
Q12)	**4 + 6 + 8 ÷ (5 – 1 X 2)** **= 4 + 6 X 8 ÷ (5 – 2)** **= 4 + 48 ÷ (5 – 2)** **=4 + 48 ÷ 3** **= 4 + 16 = 20**
Q13)	**30 ÷ 8 = 3 $\frac{6}{8}$ ÷ 2 = 3¾**
Q14)	**a)2½** **b) 5 $\frac{6}{8}$**
Q15)	**140 cm2**
Q16)	**19 – 5 = 14** **14 ÷ 7 = 2** **20 – 2 = 18** **7 x 18 = 126** **126 + 5 = 131**
Q17)	**108 cm2**
Q18)	**a)40** **b)9u = 4u = 13u** **13 x 20 = 260**