Red Swastika School
Primary 5
Class Test 1
Mathematics

40

Name: _____ ( ) **Date:** 6 May 2022

Class: Pr 5 / _____ **Duration:** 40 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 Which of the following is five million, four hundred and nine thousand and six in figures?

(1) 5 009 406
(2) 5 049 006
(3) 5 409 006
(4) 5 490 006

( )

2 What is the value of 704 000 ÷ 200?

(1) 352
(2) 3520
(3) 35 200
(4) 352 000

( )

3 Which of the following has the same value as $\frac{2}{5}$?

(1) 0.2
(2) 0.4
(3) 0.5
(4) 2.5

( )

6

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4 What is the value of $\frac{4}{14} \times \frac{2}{3}$?

(1) $\frac{3}{7}$

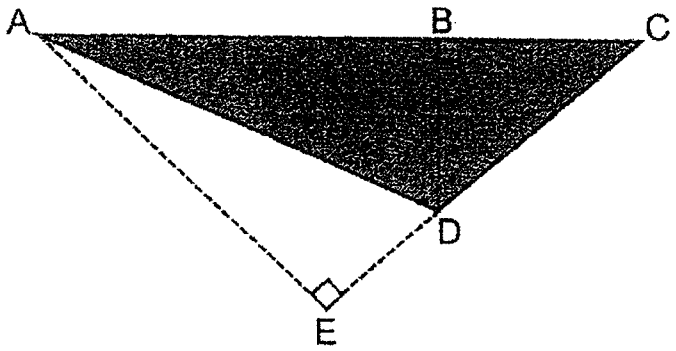
(2) $\frac{4}{7}$

(3) $\frac{1}{21}$

(4) $\frac{4}{21}$

( )

5 Which of the following pairs shows the correct base and its related height for finding the area of triangle ACD?



	Base	Height
(1)	CE	AE
(2)	CD	AD
(3)	AB	BD
(4)	AC	BD

( )

4

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6 What is the value if you add the largest 4-digit even number to 4000?

(1) 5000
(2) 13 000
(3) 13 998
(4) 13 999

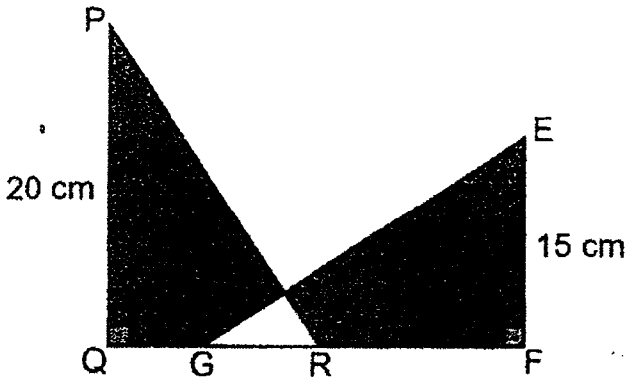
( )

7 Jenny bought 100 apples. She ate 20 apples and packed the rest of them into bags of 5. Which equation represents the number of bags of apples she had after packing?

(1) $100 - 20 \div 5$
(2) $100 + 20 \div 5$
(3) $(100 - 20) \div 5$
(4) $(100 + 20) \div 5$

( )

8 In the figure below, PQR and EFG are identical right-angled triangles. The total area of the shaded parts is 230 cm^2. Find the area of the **unshaded** part.



(1) 35 cm^2
(2) 40 cm^2
(3) 70 cm^2
(4) 80 cm^2

( )

6

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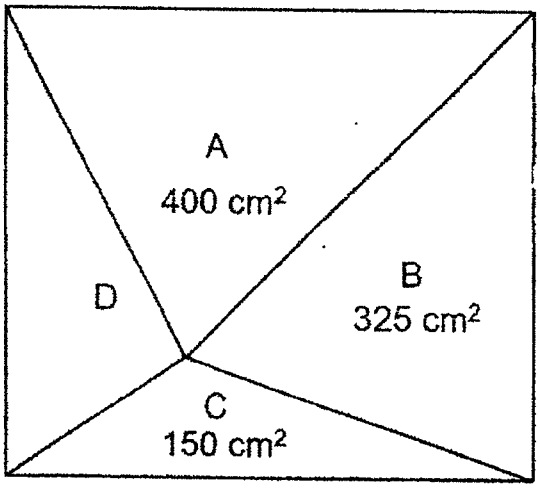
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9 $\frac{2}{5}$ of Jim's savings is equal to $\frac{4}{9}$ of Max's savings.
Jim has \$30 more than Max.
How much money does Max have?

(1) \$150
(2) \$270
(3) \$300
(4) \$570

( )

10 In the figure below, the rectangle is divided into 4 triangles. The areas of triangles A, B and C are 400 cm^2, 325 cm^2 and 150 cm^2 respectively. Find the area of triangle D.



(1) 75 cm^2
(2) 175 cm^2
(3) 225 cm^2
(4) 250 cm^2

( )

4

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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 $4 + 5 \times (60 - 30) \div 10$.

Ans: _____

---

12 $1\frac{7}{12} - \square = \frac{11}{12}$

What is the missing fraction in the box?

Ans: _____

---

13 Jack is 5 years old. His mother is 45 years old. In how many years' time will Jack's mother be 3 times as old as Jack?

Ans: _____

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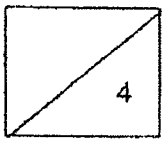
14 A pencil case cost $6 more than a water bottle. Mrs Tan paid $28 for a pencil case and a water bottle. Find the cost of a water bottle.

Ans: $ _____

---

15 Abby, Ben and Carole had some marbles. Ben and Carole had a total of 360 marbles. Abby and Carole had a total of 450 marbles. Ben had half of the number of marbles Abby had. How many marbles did Carole have?

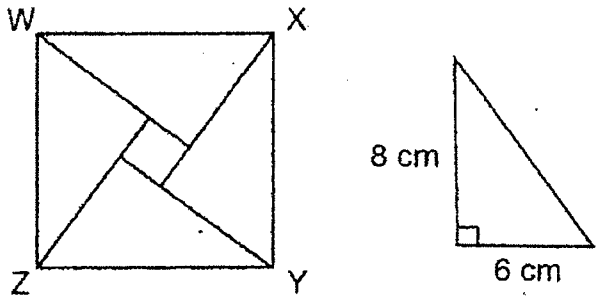
Ans: _____



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16 Square WXYZ is made up of four identical triangles and a small square. The area of the small square is 4 cm^2. Find the area of square WXYZ.



Ans: _____ cm^2

2

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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)

17 Alice had $\frac{4}{5}$ m of ribbon. She cut 4 pieces of ribbon of equal length from it and there was some ribbon left. Each piece that was cut was $\frac{1}{8}$ of the ribbon she had at first.

(a) Find the length of each piece of the ribbon cut.

(b) Find the total length of the 4 pieces of ribbon that was cut.

Ans: (a) _____ [2]

(b) _____ [2]

4

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18 Mrs Chong had some flowers in her garden. $\frac{2}{3}$ of the flowers were roses. $\frac{1}{4}$ of the remainder was tulips and the rest were lilies. There were 55 more roses than lilies.

(a) How many flowers did Mrs Chong have altogether?

(b) How many lilies were there in the garden?

Ans: (a) _____ [2]

(b) _____ [2]

End of paper

Have you checked your work?

4

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YEAR : 2022
LEVEL : PRIMARY 5
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM. : CLASS TEST 1

Q1	3	Q2	2	Q3	2	Q4	4	Q5	4
Q6	3	Q7	3	Q8	1	Q9	2	Q10	3

Q11	$4 + 5 \times (60 - 30) \div 10$ $= 4 + 5 \times 30 \div 10$ $= 4 + 150 \div 10$ $= 4 + 15$ $= 19$	Q12	$1\frac{7}{12} = \frac{19}{12}$ $19 - 11 = 8$ $\frac{8}{12} = \frac{2}{3}$
Q13	$45 - 5 = 40$ $40 \div 2 = 20$ $20 - 5 = 15$	Q14	$(28 - 6) \div 2 = \$11$
Q15	$450 - 360 = 90$ $360 - 90 = 270$	Q16	one Triangle = ½ x 8 x 6 = 24 4 triangle = 24 x 4 = 96 area of Square = 96 + 4 = 100cm^2
Q17	a) $\frac{1}{10}$m b) $\frac{4}{10}$m	Q18	a) 5u = 55 u = 11 12u = 132 b) 3u = 11 x 3 = 33

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