Red Swastika School
Primary 5
Weighted Assessment 1
Mathematics

40

Name: _____ ( ) Date: 7 May 2021

Class: _____ Duration: 40 minutes

(Use of calculator 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 6 in 560 378?

(1) 60
(2) 600
(3) 6000
(4) 60 000

( )

2 Find the value of $30 - 4 \times (8 - 2) \div 2$.

(1) 18
(2) 48
(3) 3
(4) 78

( )

3 $\frac{3}{4}$ = _____

(1) 0.3
(2) 0.34
(3) 0.75
(4) 6.2

( )

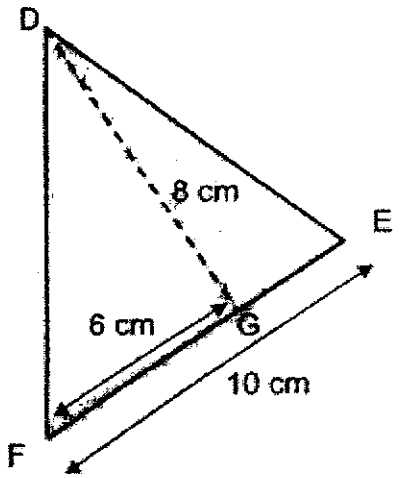
6

4 $\frac{4}{5}$ x 80 = _____

(1) 64
(2) 60
(3) 16
(4) 4

( )

5 In the diagram below, FG is 6 cm, FE is 10 cm and DG is 8 cm. What is the area of triangle DEF?



(1) 24 cm^2
(2) 40 cm^2
(3) 48 cm^2
(4) 80 cm^2

( )

6 24 x 2000 has the same value as 20 x 2000 + 8 x _____.
What is the missing number?

(1) 1000
(2) 2000
(3) 4000
(4) 8000

( )

6

7 Tom and Jerry were having a race. The total time they took to complete the rece was 64 minutes. Tom was 10 minutes faster than Jerry. Which of the following expressions can be used to find out how much time Jerry took to complete the race?

(1) $64 \div 2 - 10$
(2) $64 \div 2 + 10$
(3) $(64 - 10) \div 2$
(4) $(64 - 10) \div 2 + 10$

( )

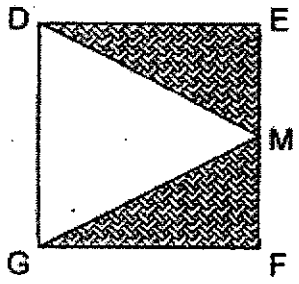
8 $\frac{3}{8} \times 24 = \square \times 12 + 3$

What is the missing fraction in the box?

(1) $\frac{1}{2}$
(2) $\frac{3}{4}$
(3) $\frac{3}{5}$
(4) $\frac{1}{64}$

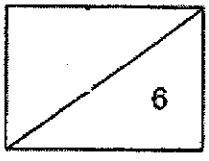
( )

9 M is the midpoint of EF in square DEFG. If the total area of the shaded parts is 72 cm^2, what is the perimeter of square DEFG?

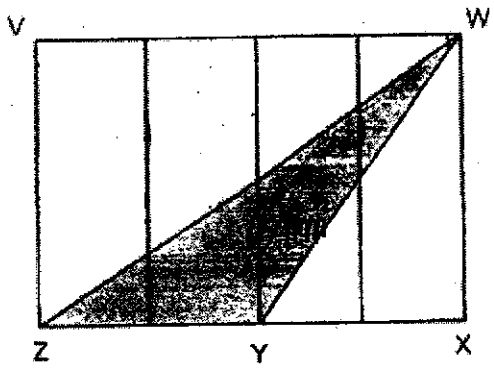


(1) 36 cm
(2) 48 cm
(3) 72 cm
(4) 144 cm

( )



10 The figure below is made up of 4 identical rectangles. The area of triangle WYZ is 64 cm^2. Find the total area of the **unshaded** parts of rectangle VWXZ.



(1) 64 cm^2
(2) 128 cm^2
(3) 192 cm^2
(4) 256 cm^2

( )

0/2

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 Write nine million, four hundred and sixty thousand and thirty in numerals.

Ans: _____

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12 Express the product of $\frac{1}{2}$ and $\frac{19}{4}$ as a mixed number.

Ans: _____

---

13 Susie is 12 years old and Bob is 3 years older than her now. What is the total sum of their ages 9 years later?

Ans: _____

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14 Ali needs to find a 5-digit secret code.

- The digit in the ones place is the first multiple of 6.
- The value of the digit 4 is 40 hundreds.
- The digit in the tens place is 3 less than the digit in the thousands place.
- The digit in the ten thousands place is thrice the digit in the tens place.
- The digit in the hundreds place is the sum of the digit in the tens place and the digit in the ones place.

What is the secret code?

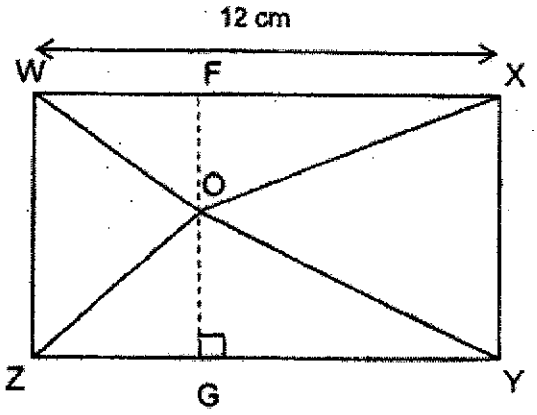
Ans: _____

15 The total cost od a pen and 2similar highlighters is $6.50. The total cost of 2 such pens and 1 such highlighter is $7. What is the cost of 5 such highlighters?

Ans: $ _____

4

16 The rectangle below is made up of 4 triangles. The area of triangle WOZ is 20 cm^2 and the area of triangle XOY is twice that of triangle WOZ. Given that line OF is 4 cm, find the area of triangle YOZ.



Ans: _____ cm^2

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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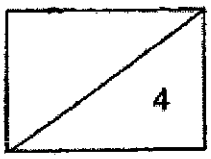
17 Aaron has $\frac{3}{5}$ as much savings as Bob. If Bob gives \$40 to Aaron, they will have the same amount of money.

a) How much money does Bob have?
b) How much money do they have altogether?

Ans: a) _____ [2]

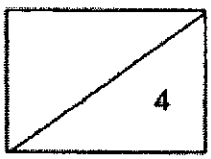
b) _____ [2]



18 There were some children in a school hall. During recess, $\frac{3}{7}$ of the boys and $\frac{7}{9}$ of the girls left the hall. There was now an equal number of boys and girls in the hall. If 44 more girls than boys left the hall, how many children were there in the hall at first?

Ans: _____ [4]

END OF PAPER



SCHOOL : RED SWASTIKA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 WA1

PAPER 1 BOOKLET A

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

Q11)	9460050
Q12)	$\frac{1}{2} \times \frac{19}{4} = \frac{19}{8}$ $= 2\frac{3}{8}$
Q13)	Susie 9 years later → 12 + 9 = 21 Bob 9 years later → (12 + 3) + 9 = 15 + 9 = 24 Total sum = 24 + 21 = 45
Q14)	40 x 100 = 4000 4 – 3 = 1 1 x 3 = 3 6 + 1 = 7 Ans: 34716
Q15)	1 pen + 2 highlighter → $6.50 2 pen + 1 highlighter → $7 2 pen + 4 highlighter → $6.50 x 2 = $13 3h → $13 - $7 = $6 1h → $6 ÷ 3 = $2 5h → 5 x $2 = $10
Q16)	Area of WOX → $\frac{1}{2}$ x 12 x 40 = 6 x 4 = 24cm^2 Area of YOZ → (20 + 40) – 24 = 60 – 24 = 36cm^2
Q17)	

a)
1U → $40
Amount of money Bob has → $40 x 5 = $200

b)
Amount of money altogether → 8 x $40 = $320

Q18)

No. of boys left → $1 - \frac{3}{7} = \frac{4}{7}$

No. of girls left → $1 - \frac{7}{9} = \frac{2}{9}$

$\frac{2}{9} = \frac{4}{18}$

Number of girls/boys left: 4U
Number of boys at first: 7U
Number of girls at first: 18U
No of girls at left the hall: $18 \times \frac{7}{9}$
= 14

14 – 3 = 11
11U → 44
1U → 44 ÷ 11
= 4
18U + 7U = 25U
25U → 4 x 25U
= 100

Girls left = 18 – 14 = 4
25U: 4 x 25U = 100
Ans: 100 children