Red Swastika School
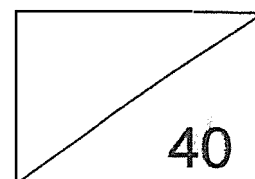## Primary 5
Weighted Assessment 1
Mathematics

Name: _____ ( )   Date: <u>7 May 2021</u>

Class: _____   Duration: <u>40 minutes</u>
(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

                                                                     (   )
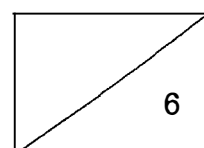
2   Find the value of 30 − 4 x (8 − 2) ÷ 2.

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

                                                                     (   )

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

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

                                                                     (   )

4 $\dfrac{4}{5} \times 80 =$ _____
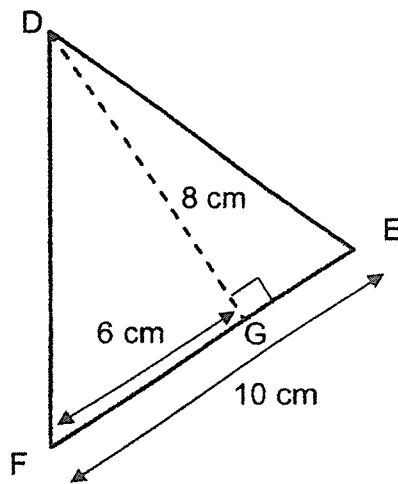
      (1)   64
      (2)   60
      (3)   16
      (4)   4

                                                                 (   )

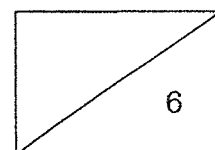**5**   In the diagram below, FG is 6 cm, FE is 10 cm and DG is 8 cm. What is the area of triangle DEF?

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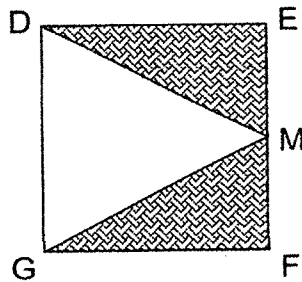
(1) $64 \div 2 - 10$
(2) $64 \div 2 + 10$
(3) $(64 - 10) \div 2$
(4) $(64 - 10) \div 2 + 10$ (   )

8 $\dfrac{3}{8} \times 24 = \boxed{} \times 12 + 3$
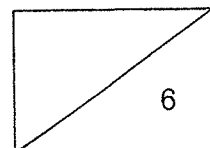
What is the missing fraction in the box?

(1) $\dfrac{1}{2}$

(2) $\dfrac{3}{4}$

(3) $\dfrac{3}{5}$

(4) $\dfrac{1}{64}$

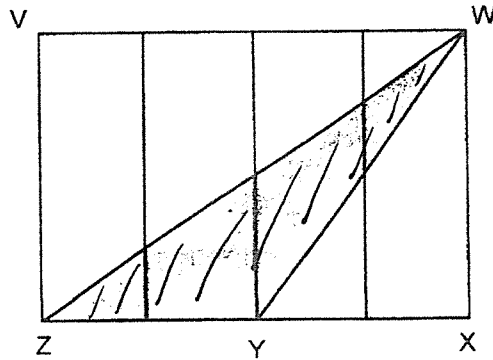   (   )

9   M is the midpoint of EF in square DEFG. If the total area of the shaded parts is 72 cm², what is the perimeter of square DEFG?

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

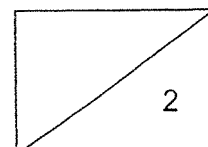   (   )

10　The figure below is made up of 4 identical rectangles. The area of triangle WYZ is 64 cm². Find the total area of the **unshaded** parts of rectangle VWXZ.

(1)　64 cm²
(2)　128 cm²
(3)　192 cm²
(4)　256 cm²

(　　)

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: _____

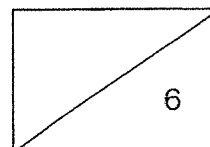12 Express the product of $\dfrac{1}{2}$ and $\dfrac{19}{4}$ as a mixed number.

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: _____

6

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.
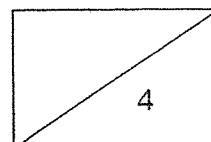
What is the secret code?

Ans: _____

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15   The total cost of a pen and 2 similar 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?
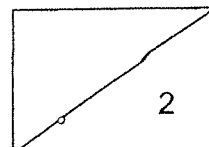
Ans: $ _____

6

16 The rectangle below is made up of 4 triangles. The area of triangle WOZ is 20 cm² 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.

12 cm
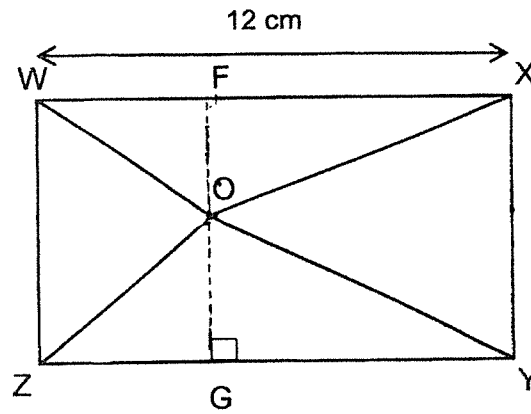
Ans: _____ cm²

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   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?
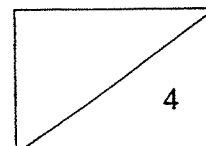
Ans: a) _____ [2]

b) _____ [2]

4
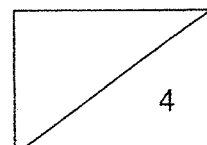
18   There were some children in a school hall. During recess, $\frac{3}{7}$ of the boys and $\frac{7}{9}$ of the girls left the hall. There was now an equal number of boys and girls in the hall. If 44 more girls than boys left the hall, how many children were there in the hall at first?

Ans: _____ [4]

END OF PAPER

4

ANSWER KEY

YEAR   :   2021
LEVEL   :   PRIMARY 5
SCHOOL   :   RED SWASTIKA SCHOOL
SUBJECT   :   MATHEMATICS
TERM   :   WEIGHTED ASSESSMENT 1

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

Q11	~~946030~~ 9460030
Q12	2⅜
Q13	12+3=15 24+21=45
Q14	34716
Q15	1P+2H=$6.50 2P+1H=$7.00 2P+4H=$13.00 2P+1H=$7.00 0P+3H=$6.00 6÷3=2 2×5=$10
Q16	E=½×4×12=24 A+=24 A+B+C+D=60 C+D=60−24=36cm²
Q17	1u=40 5u=40×5=$200 (ans (a)) 8u=40×8=320 (ans (b))
Q18	14−3=11 11u=44 1u=44÷11=47+18=25 25u=4×25=100