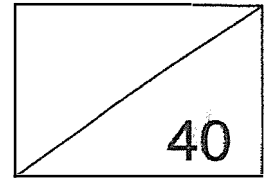


Red Swastika School
Primary 5
Weighted Assessment 1
Mathematics



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)

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 $30 - 4 \times (8 - 2) \div 2$.

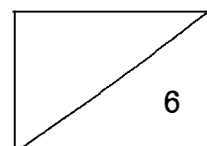
- (1) 18
- (2) 48
- (3) 3
- (4) 78

()

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

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

()

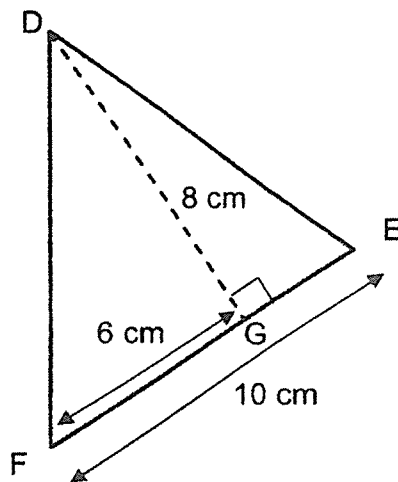


4 $\frac{4}{5} \times 80 = \underline{\hspace{2cm}}$

- (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?



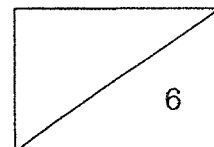
- (1) 24 cm^2
- (2) 40 cm^2
- (3) 48 cm^2
- (4) 80 cm^2

()

- 6 24×2000 has the same value as $20 \times 2000 + 8 \times \underline{\hspace{2cm}}$.
What is the missing number?

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

()



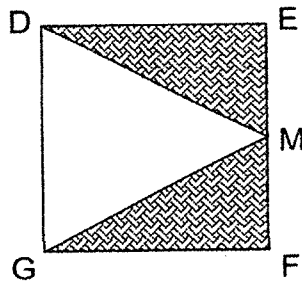
- 7 Tom and Jerry were having a race. The total time they took to complete the race was 64 minutes. Tom was 10 minutes faster than Jerry. Which of the following expressions can be used to find out how much time Jerry took to complete the race?

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

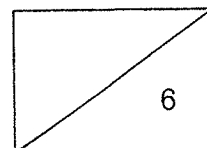
- 8 $\frac{3}{8} \times 24 = \boxed{} \times 12 + 3$
 What is the missing fraction in the box?

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

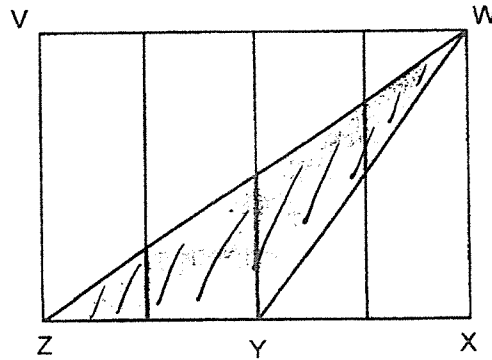
- 9 M is the midpoint of EF in square DEFG. If the total area of the shaded parts is 72 cm^2 , what is the perimeter of square DEFG?



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

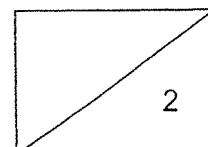


- 10 The figure below is made up of 4 identical rectangles. The area of triangle WYZ is 64 cm^2 . Find the total area of the **unshaded** parts of rectangle VWXZ.



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

()



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)

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

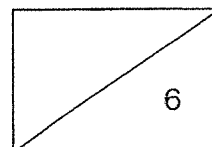
Ans: _____

- 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: _____



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

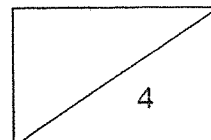
- The digit in the ones place is the first multiple of 6.
- The value of the digit 4 is 40 hundreds.
- The digit in the tens place is 3 less than the digit in the thousands place.
- The digit in the ten thousands place is thrice the digit in the tens place.
- The digit in the hundreds place is the sum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

What is the secret code?

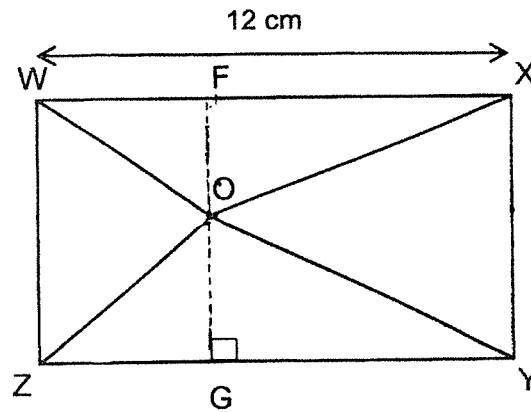
Ans: _____

15 The total cost 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?

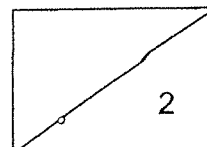
Ans: \$ _____



- 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



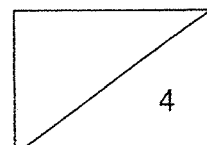
For Questions 17 and 18, show your workings clearly in the space below each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.
(8 marks)

- 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]

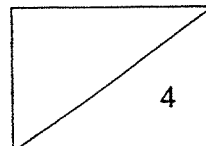
b) _____ [2]



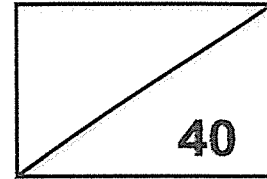
- 18 There were some children in a school hall. During recess, $\frac{3}{7}$ of the boys and $\frac{7}{9}$ of the girls left the hall. There was now an equal number of boys and girls in the hall. If 44 more girls than boys left the hall, how many children were there in the hall at first?

Ans: _____ [4]

END OF PAPER



**Red Swastika School
Primary 5
Class Test 2
Mathematics**



Name: _____ () **Date:** 11 August 2021

Class: _____ **Duration:** 40 minutes
(Use of calculator is not allowed)

Parent's Signature: _____

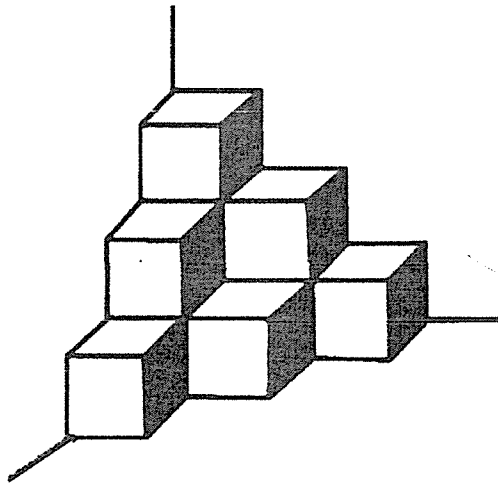
Questions 1 to 10 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write its number in the brackets provided. (20 marks)

1 Which of the following is **not** the equivalent ratio of 16 : 24?

- (1) 1 : 2
- (2) 2 : 3
- (3) 8 : 12
- (4) 10 : 15

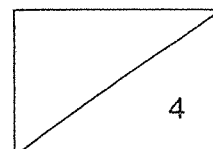
()

2 How many unit cubes make up the figure below?



- (1) 6
- (2) 9
- (3) 10
- (4) 11

()



3 What is the volume of a cube that has an edge of 3 cm?

- (1) 9 cm^3
- (2) 12 cm^3
- (3) 18 cm^3
- (4) 27 cm^3

()

4 3 kg 50 g is the same as _____ kg.

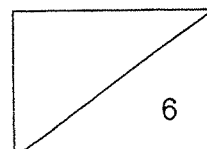
- (1) 3.5
- (2) 3.05
- (3) 350
- (4) 3050

()

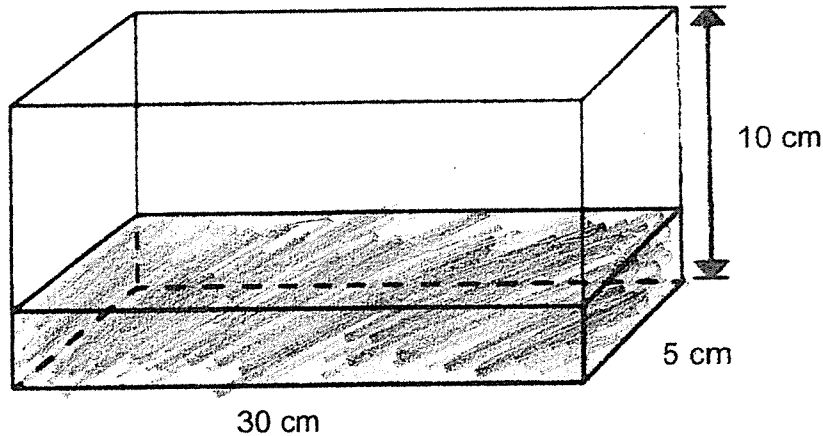
5 Express $\frac{18}{20}$ as a percentage.

- (1) 9%
- (2) 18%
- (3) 90%
- (4) 180%

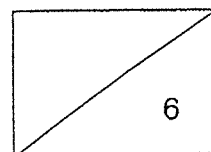
()



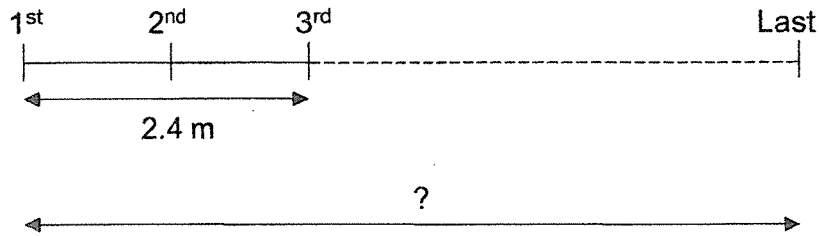
- 6 A rectangular tank measuring 30 cm by 5 cm by 10 cm is $\frac{2}{5}$ filled with water. How many more litres of water is needed to fill the tank to $\frac{9}{10}$ of its capacity?



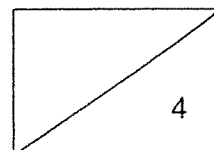
- (1) 0.3 l
 (2) 0.6 l
 (3) 0.75 l
 (4) 1.35 l ()
- 7 Larry has a roll of ribbon 9.2 m long. He cuts off 3 equal pieces. Each piece is 5 cm. What is the length of the remaining roll of ribbon?
- (1) 9.15 m
 (2) 9.05 m
 (3) 7.70 m
 (4) 0.15 m ()
- 8 2 years ago, the ratio of the ages of John's age to Susan's age was 1 : 3. The sum of their ages 2 years ago was 36 years old. How old is Susan now?
- (1) 25
 (2) 27
 (3) 29
 (4) 30 ()



- 9 10 chairs were placed at equal distances apart in a row. The distance between the 1st and 3rd chair was 2.4 m. What was the distance between the 1st and the last chair?

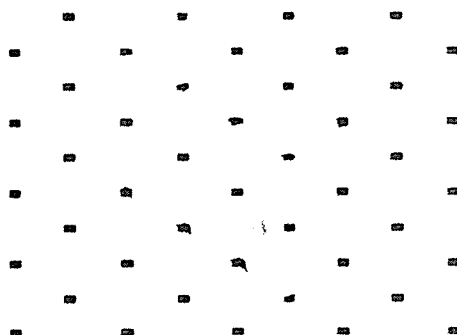


- (1) 12 m
 (2) 24 m
 (3) 10.8 m
 (4) 21.6 m ()
- 10 There were 40 children in a class. 25% of them were boys and the rest were girls. If 80% of the boys wore spectacles, how many boys did **not** wear spectacles?
- (1) 8
 (2) 2
 (3) 10
 (4) 20 ()
-



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)

- 11 By joining dots on the grid with straight lines, complete the drawing of the cuboid.



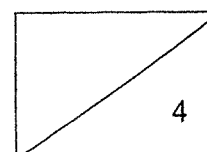
- 12 Find the value of

(a) 24.5×2000

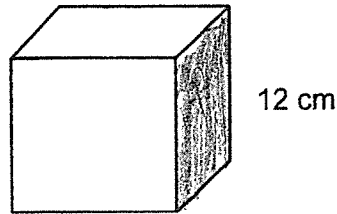
(b) $424 \div 800$

Ans: (a) _____

(b) _____



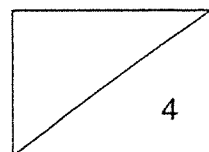
- 13 Fenny wanted to fill a cubical tank of edge 12 cm. After pouring in water from 4 identical bottles which are fully filled, he found that the tank was $\frac{3}{4}$ filled with water. How much water did each bottle contain?



Ans: _____ cm³

- 14 The mass of 5 metal balls and its container is 14.5 kg. The mass of 10 metal balls and the same container is 24.5 kg. Find the mass of the empty container.

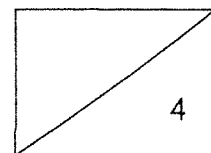
Ans: _____ kg



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 Gordon has some 50-cent coins and \$1-coins in the ratio of 4 : 1. The total value of the coins is \$48. How many \$1 coins does he have?

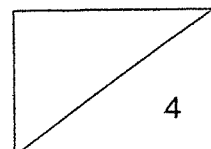
Ans: _____



- 18 A fruit seller had 30 apples and oranges. 30% of these fruits were oranges. The next day, he sold 11 apples. How many apples were left?

Ans: _____

END OF PAPER



ANSWER KEY

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

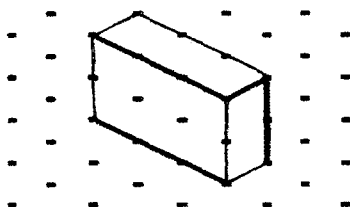
Q1	4	Q2	1	Q3	3	Q4	1	Q5	2
Q6	1	Q7	4	Q8	1	Q9	2	Q10	3

Q11	946030. 9460030
Q12	$2\frac{3}{8}$
Q13	$12+3=15$ $24+21=45$
Q14	34716
Q15	$1P+2H=\$6.50$ $2P+1H=\$7.00$ $2P+4H=\$13.00$ $2P+1H=\$7.00$ $0P+3H=\$6.00$ $6\div3=2$ $2\times5=\$10$
Q16	$E=\frac{1}{2}\times4\times12=24$ $A+=24$ $A+B+C+D=60$ $C+D=60-24=36\text{cm}^2$
Q17	$1u=40$ $5u=40\times5=\$200$ (ans (a)) $8u=40\times8=320$ (ans (b))
Q18	$14-3=11$ $11u=44$ $1u=44\div11=47+18=25$ $25u=4\times25=100$

ANSWER KEY

YEAR : 2021
 LEVEL : PRIMARY 5
 SCHOOL : RED SWASTIKA SCHOOL
 SUBJECT : MATHEMATICS
 TERM : CLASS TEST 2

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

Q11		
Q12	(a)	49000
	(b)	0.53
Q13	$BA \rightarrow 12 \times 12 = 144$ $144 \times 12 = 1728$ $1728 \div 4 = 432$ $432 \times 3 = 1296$ $1296 \div 4 = 324 \text{ cm}^3$	
Q14	$24.5 - 14.5 = 10$ $14.5 - 10 = 4.5 \text{ kg}$	
Q15	$63 \div 7 = 9$ $4 \times 9 = 36$	
Q16	$20000 + 400 = 20400$ $20400 - 15000 = \$5400$	
Q17	$50\text{c} \times 4 = \$2$ $\$2 + \$1 = \$3$ $48 \div 3 = 16$	
Q18	$\text{Orange} \rightarrow \frac{30}{100} \times \frac{30}{1} = \frac{9}{1}$ $\text{Apple} \rightarrow 30 - 9 = 21$ $21 - 11 = 10$	

2
END