40

Name: _____ ( )   Date: <u>11 August 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   Which of the following is **not** the equivalent ratio of 16 : 24?
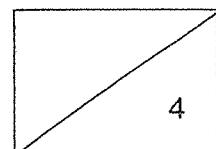
(1)   1 : 2
(2)   2 : 3
(3)   8 : 12
(4)   10 : 15   (   )

2   How many unit cubes make up the figure below?

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

4
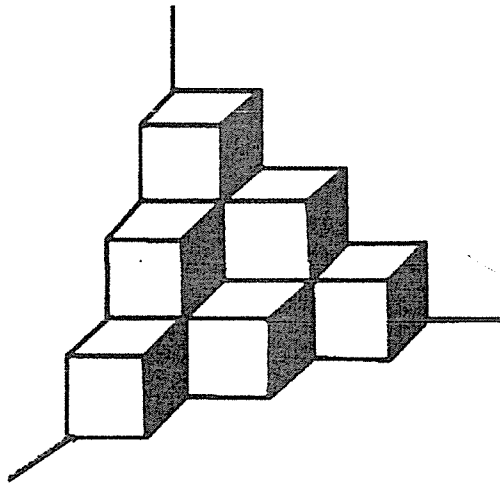
3 What is the volume of a cube that has an edge of 3 cm?

    (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
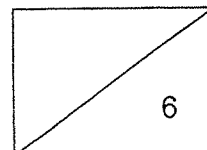   (4)   3050   (   )
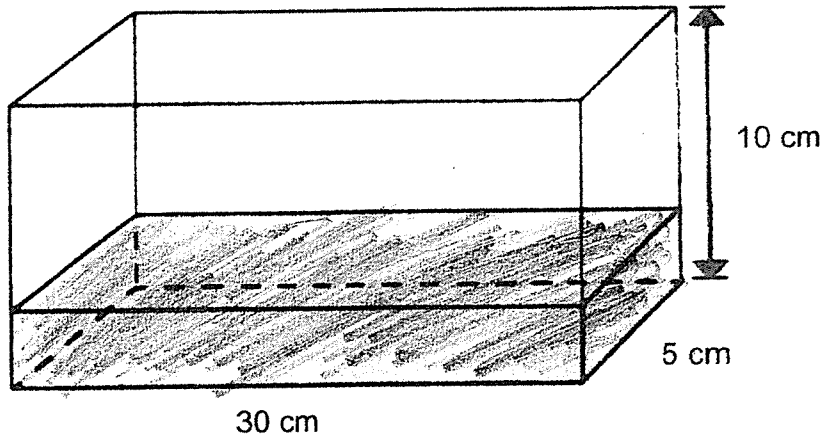

5 Express $\dfrac{18}{20}$ as a percentage.

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

6

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?
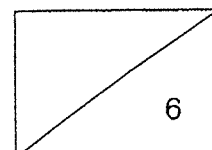

10 cm

5 cm

30 cm

(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?
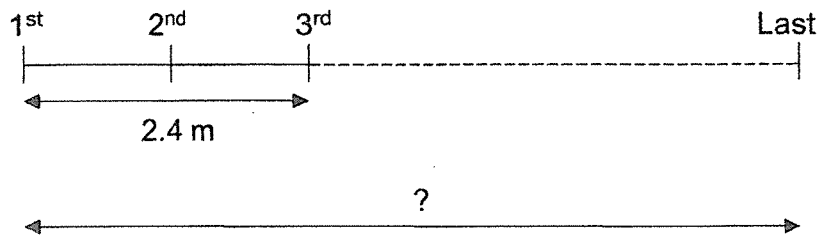
(1)   9.15 m
(2)   9.05 m
(3)   7.70 m
(4)   0.15 m   (   )

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?
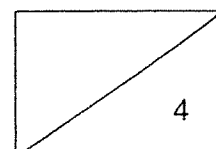
(1)   25
(2)   27
(3)   29
(4)   30   (   )

6

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?

1ˢᵗ   2ⁿᵈ   3ʳᵈ   Last

2.4 m

?

(1)   12 m
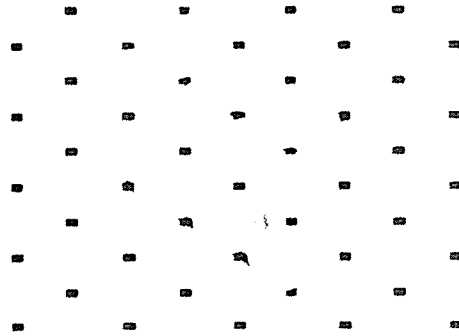(2)   24 m
(3)   10.8 m
(4)   21.6 m   (   )

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   (   )

4

11   By joining dots on the grid with straight lines, complete the drawing of the cuboid.
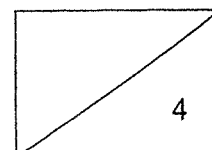
12   Find the value of
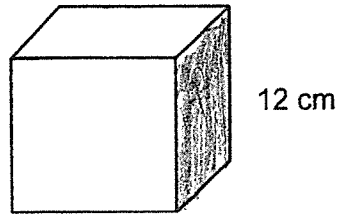
(a)   24.5 x 2000

(b)   424 ÷ 800

Ans: (a) _____

(b) _____

5

4

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?

12 cm

Ans: _____ cm³

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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.
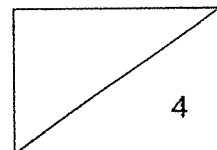
Ans: _____ kg

6

4
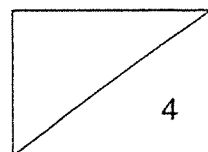
15 8 : 14 = _____ : 63

Ans: _____

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16 Mr Tan had $20 000 in a bank. The bank paid him an interest of 2% at the end of each year. At the end of one year after receiving the interest, Mr Tan withdrew $15 000. How much did he have in the bank after the withdrawal?
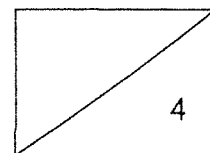
Ans: $ _____

4

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?
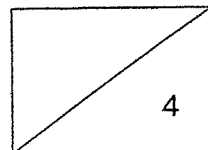
Ans: _____

4

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?
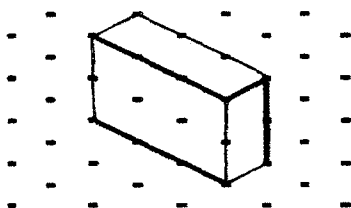
Ans: _____

END OF PAPER

4

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➜12×12=144 144×12=1728 1728÷4=432 432×3=1296 1296÷4=324cm^3	
Q14	24.5–14.5=10 14.5–10=4.5kg	
Q15	63÷7=9 4×9=36	
Q16	20000+400=20400 20400–15000=$5400	
Q17	50¢×4=$2 $2+$1=$3 48÷3=16	
Q18	Orange➜$\frac{30}{100}\times\frac{30}{1}=\frac{9}{1}$ Apple➜30–9=21 21–11=10	

END