RED SWASTIKA SCHOOL
MATHEMATICS
PRIMARY 5
CLASS TEST (2)

40

Name: _____ ( ) **Date:** 11 August 2023

Class: Pr 5 / _____ **Duration:** 50 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 ratio below is the same as 2 : 3?

(1) 4 : 8
(2) 6 : 8
(3) 12 : 15
(4) 10 : 15

( )

2 Find the missing number in the blank.

__?__ : 24 = 8 : 6

(1) 18
(2) 32
(3) 3
(4) 4

( )

4

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3 There are 12 boys, 20 girls and 8 adults in a party. What is the ratio of the number of boys to the number of girls to the number of adults? Express the answer in the simplest form.

(1) 3 : 5 : 2
(2) 6 : 5 : 2
(3) 3 : 10 : 2
(4) 3 : 10 : 4

( )

4 Mary spent $50 of her weekly allowance of $ 200. What percentage of her weekly allowance did she spend?

(1) 75%
(2) 50%
(3) 25%
(4) 20%

( )

5 Tim had a total of 120 green and blue marbles in the ratio of 5 : 3. How many more green marbles than blue marbles are there?

(1) 15
(2) 30
(3) 45
(4) 75

( )

6 The mass of object A is 2.8 kg. The mass of object B is 4 kg 30g. Find their total mass. Express the answer in kilograms.

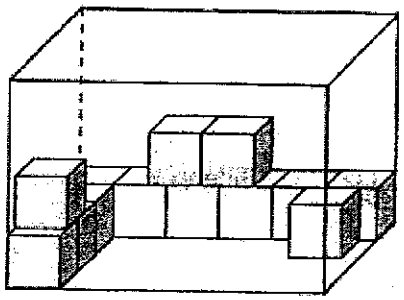
(1) 6.1 kg
(2) 6.803 kg
(3) 6.83 kg
(4) 7.1 kg

( )

8

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7 The figure shows a rectangular glass box partly stacked with unit cubes. How many unit cubes are there in the glass box?



(1) 11
(2) 12
(3) 13
(4) 14

( )

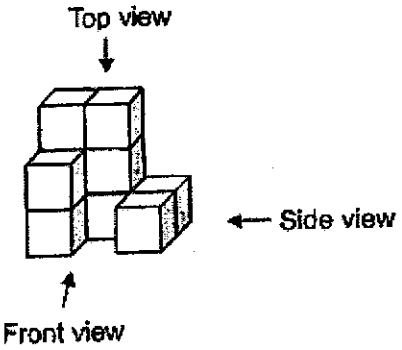
8 A tank, 50 cm by 20 cm by 30 cm, is filled with 10.2 litres of water at first. A pail of water is poured into this tank and the tank is half-filled with water. How much water is in the pail?

(1) 4.2 ℓ
(2) 4.8 ℓ
(3) 5.2 ℓ
(4) 8.7 ℓ

( )

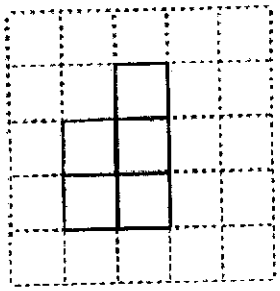
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9 The solid below is made up of 10 identical cubes.

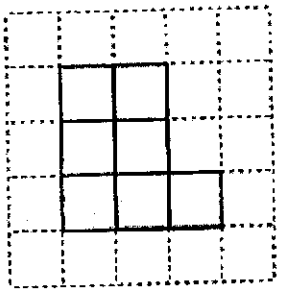


On the square grid below, which of the following drawings shows the **top** view of the solid?

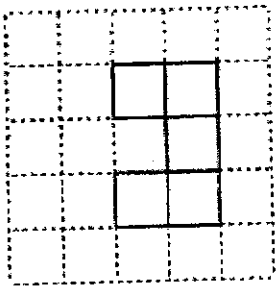
(1)



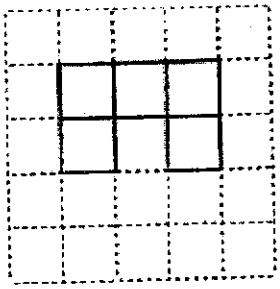
(2)



(3)



(4)



( )

2

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10 Peter and John wanted to divide a number by 10.
Peter multiplied the number by 20 instead and submitted 64 as the answer.
John had used correct method. Find the answer John had submitted.

(1) 0.32
(2) 3.2
(3) 128
(4) 1280

( )

2

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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)

11 Find the value of 10.6×800.

Ans: _____

12 Find the volume of a cube of side 4 cm each.

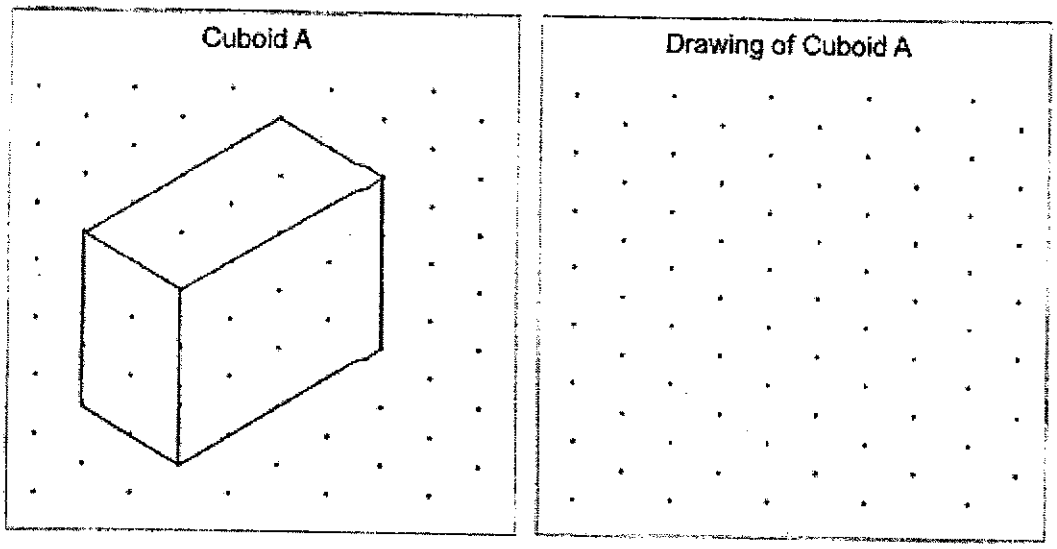
Ans: _____ cm^3

13 Alice, Betty and Cindy shared \$72 in the ratio of 2 : 3 : 1.
How much did Alice receive?

Ans: \$_____

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14 By joining the dots with straight lines, draw Cuboid A on the grid below.



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15 Sam collected 80 stamps. He kept 20% of his stamps in Album A, 45% of his stamps in Album B and the remaining stamps in Album C. How many of his stamps did he keep in Album C?

Ans: _____

4

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16 Mrs Fang bought a chair for $150 at a shop on Monday. On Tuesday, the same shop gave a discount of 25% for buying the same chair. How much would Mrs Fang have saved if she bought the chair on Tuesday?

Ans: $_____

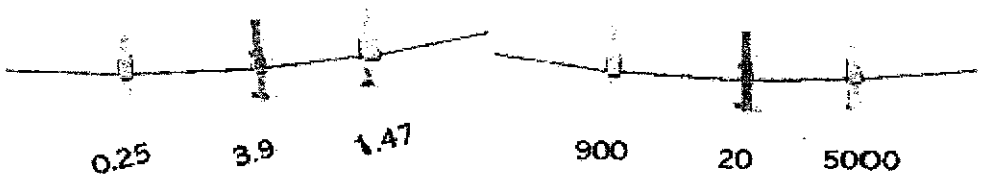
2

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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)

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17 There are 3 decimal cards with different decimals and another 3 number cards with different whole numbers as shown for playing a game.



(a) Aisha chose one decimal card and one number card and multiply them together. What is greatest possible value of the product?

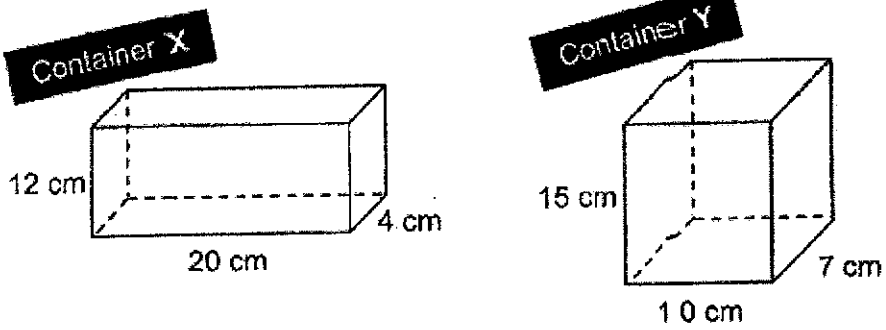
Ans: (a) _____ [2]

(b) Sue wants to select one decimal card and one number card such that the value of the product is nearest to 1000. Find the value of the product that is nearest to 1000.

Ans: (b) _____ [2]

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18 Container X and Container Y are two empty rectangular containers as shown. $\frac{2}{3}$ of container X will be filled with water. $\frac{2}{3}$ of container Y will also be filled with water.



(a) Which container will have more water? How much more?

Ans: (b) Container _____ will have _____ more water. [2]

(b) Water from Container X is poured into Container Y so that Container Y is fully filled with water. How much water is left in Container X after Container Y is fully filled with water?

Ans: (b) _____ [2]

End of paper
Have you checked your work?

4

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LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : CLASS TEST 2 (2023)

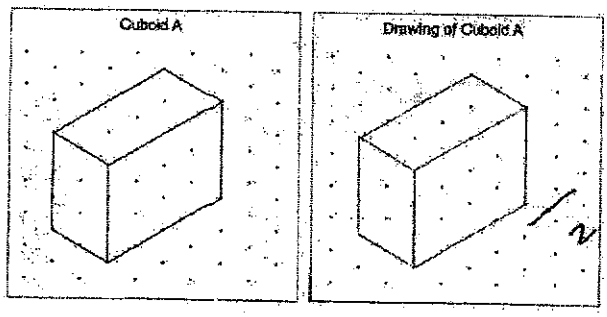
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	1	3	2	3	3	2	4	1

Q11) 10.5 x 100 x 8 = 1060 x 8
= 8480

Q12) V = 4 x 4 x 4 = 64 cm3

Q13) 6u →$72
1u→$72 ÷ 6 = $12
2u →$12 x 2 = $24

Q14)



Q15) 100u – 20u – 45u = 35u
$\frac{35}{100} \times \frac{80}{1} = \frac{140}{5} = 28$

Q16) $150 – $112.50 = $37.50

Q17) a)3.9 x 5000
= 3.9 x 1000 x 5
= 3900 x 5 = 19500
b)0.25 x 5000

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	= 0.25 x 1000 x 5 = 250 x 5 = 1250
Q18)	a) Container Y will have 60cm3 more water b) 290cm3

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