INDIAN SCHOOL SALALAH

SECOND TERM EXAMINATION, 2017-18

MATHEMATICS

40
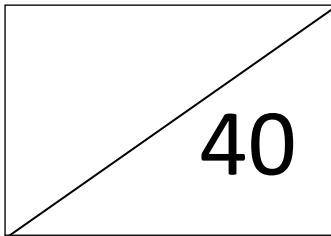
Name : _____

Class :   V _____

Roll No: _____

Max Marks :40

Time : 2 Hours

Date: _____

_____

General Instructions:

This question paper consists of 16 questions and 10 printed pages.

Section A, questions 1 to 4 carry 1 mark each.

Section B, questions 5 to 8 carry 2 marks each.

Section C, questions 9 to 12 carry 3 marks each and

Section D, questions 13 to 16 carry 4 marks each.

All questions are compulsory.

_____

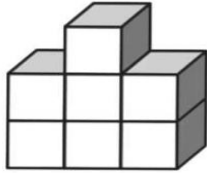| **SECTION :A (1 Mark each)**	**Rough work**

1. Change into a special number (palindrome).
   73

2. Write as fraction: 1. 3 = _____

3. Write the place value of 3 in 7.823

_____

4. Find the volume of given solid by counting unit cubes.

Volume = _____

SECTION B (2 Marks Each)

5. The following Circle Graph shows the kind of movies that are favourite to **100** students of class V. Look at the graph and answer the following
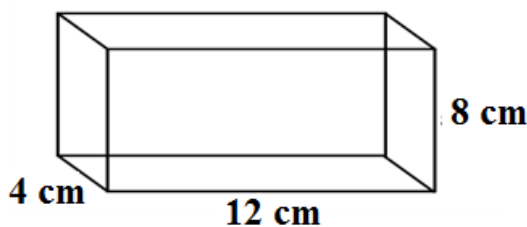

a) What fraction of students like mystery movies?_____

b) What fraction of students like comedy movies? _____

c) How many students like adventure movies?

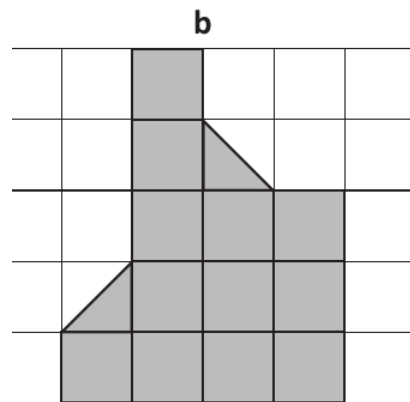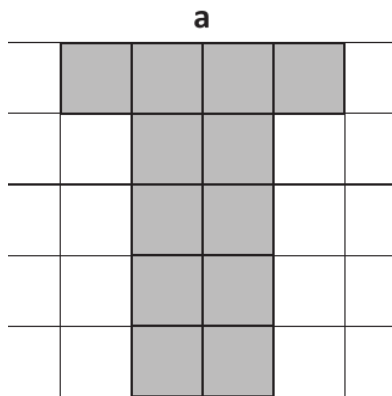   _____

6. Find the volume of the given cuboidal box.

8 cm

4 cm

12 cm

Volume = _____

_____

7. Find the area and perimeter of the given greeting card.

7 cm

13 cm

Area = _____

_____

Perimeter = _____

_____

8. Find the area of the shaded region in figure '**a**' and figure '**b**'by counting

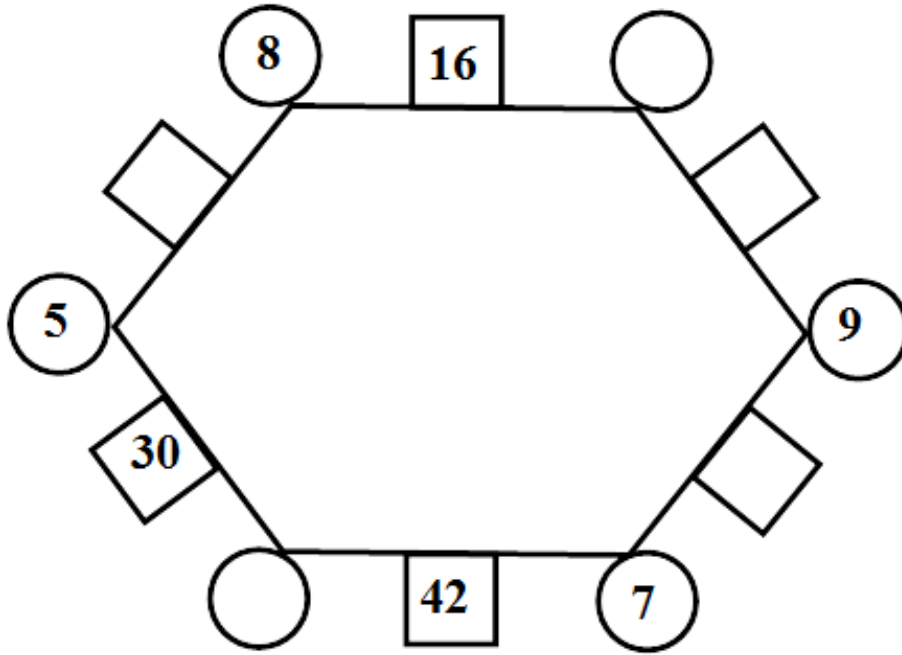unit squares.   Area of ⬜ =1Sq.cm.

a

b

Area of figure 'a' = _____

Area of figure 'b' = _____

_____

SECTION C (3Marks Each)

9. i) Find the missing numbers in the magic hexagon. The number in the square
box is the product of the numbers in the circles next to it.

8   16

5   9

30

42   7

ii) Find the sum of the numbers of the 3× 3 square box marked in the given calendar page of October 2017, without actual addition.

October 2017

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Sum of numbers =

_____

_____

_____

_____

10. Rajath took some water in a cylindrical jar and marked the level as **30cm³**.

He dropped a stone into the jar, the water level rose to **40cm³.**

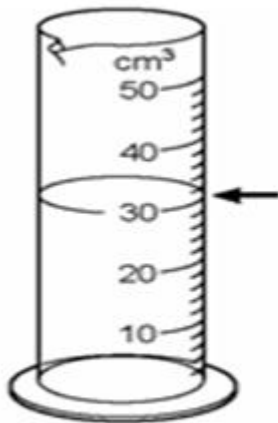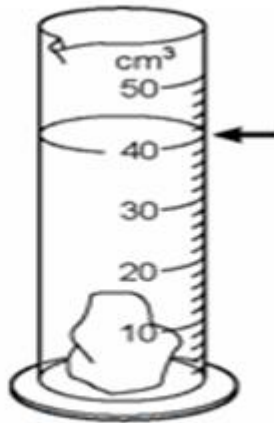a) What is the volume of the stone? _____

Fig: a   Fig :b   Fig : c

b) If two stones of the same size were dropped in jar 'a', what would be

final position of water?

_____

c) Show the final position of water level by drawing **figure c**.

11. Convert into decimal :
      a) 25 paise = Rs _____

      b) 1250g = _____kg

      c) $\dfrac{3}{8}$ = _____

   **d)** $\dfrac{201}{100}$ = _____

12. **Electricity is very essential in our daily life. It is produced in different ways. One of them is from burning coal. This releases carbon dioxide into the air which leads to global warming. Today we try to use clean energy like that from the sun (solar energy) or wind energy.**

a) Write one value point about the use of solar energy or wind energy.

_____

_____
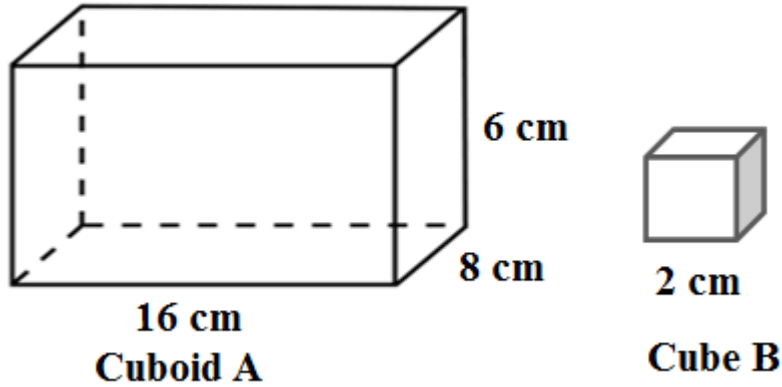
_____

_____

The following table shows the main source of energy of 28 towns.

b) Draw a bar graph to represent this.

Energy source	Coal	Oil	Solar	Wind
Number of towns	10	8	6	4
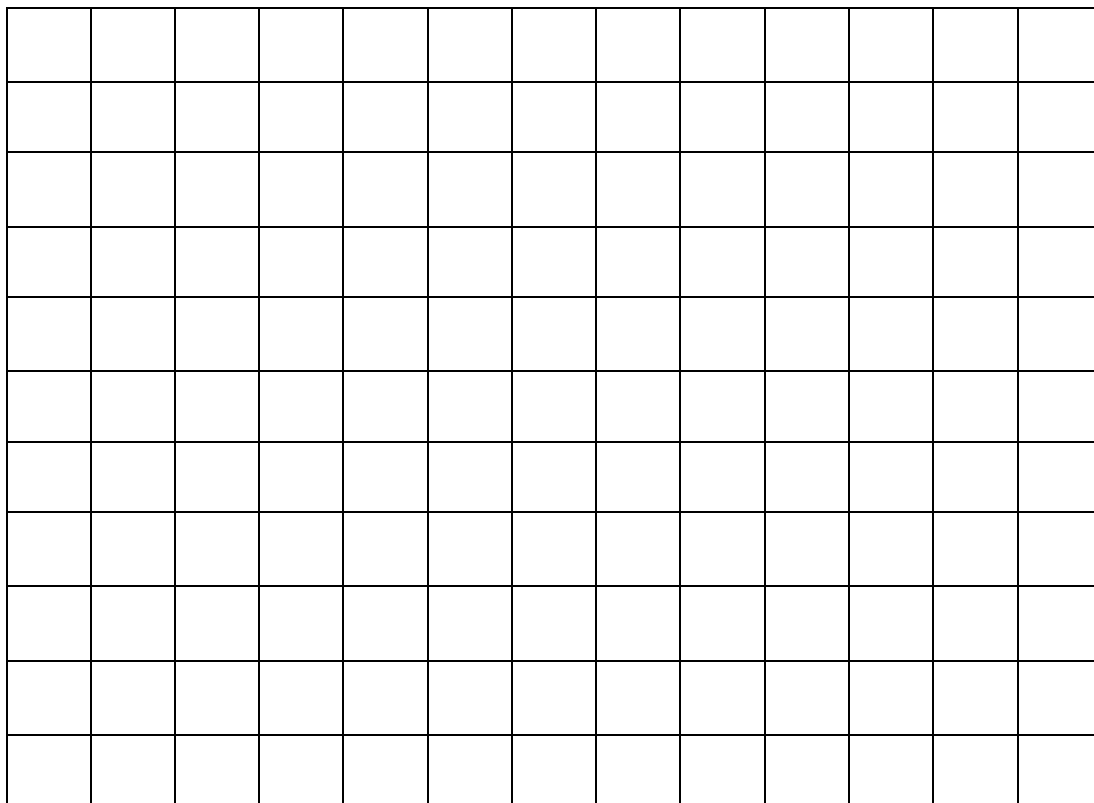
13. Given a cuboid A of length 16cm ,breadth 8cm and height 6cm and A cube B of side 2cm .

How many cubes B can be arranged along the length ,breadth and height of cuboid A

    i) along the length_____

    ii) along the breadth_____

    iii) along the height _____

b) Find the volume of cuboid A

c) Find the volume of cube B

d) How many cubes B can fit inside the cuboid A

14.i) Fill this magic square using all the numbers from 51 to 59, so that the total of each line is 165.

	55	

ii) Find the secret numbers:

  a) I am a decimal with 7 in the ones place, 0 in tenths place and 6 in the hundredths place. Who am I?

  b) I am a three digit number
  *My ones digit is the smallest odd number.
  *Hundred's place digit is two more than the digit in the ones place
  *The digit in my tens place is the greatest one digit number.
 Who am I ?

15. Suhail and Sudhir went on a rock climbing adventure. Suhail carried items required for climbing in his bag whereas Sudhir carried food items, fruits and water. See the weight of the items and find how much weight each one carried.

2.575 kg   1.235 kg   3.500 kg

a) The above items were carried by Suhail. Find the total weight of these items.

_____

_____

_____

The following items were carried by Sudhir.

2.150 kg   3.450 kg   2.250 kg
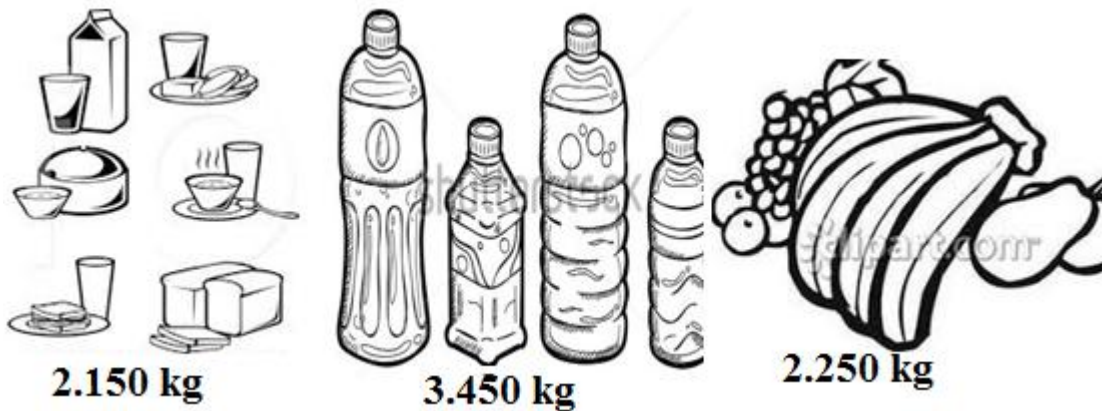
b) Find the total weight of these items

_____

_____

_____

_____

_____

_____

a) Suhail climbed 256.75 m and Sudhir climbed 237.525 m. How much more did Suhail climb than Sudhir?

_____

_____

_____

_____

_____

16. Mrs. Shilpa kept a record of her baby's height from the time he was born till he was 12 months of age.
   a) Represent this on the given grid by drawing a line graph and answer the following questions.

Months	Height in cm
0 month	50cm
1month	55cm
3months	60 cm
6months	70 cm
9 months	75 cm
12 months	80cm
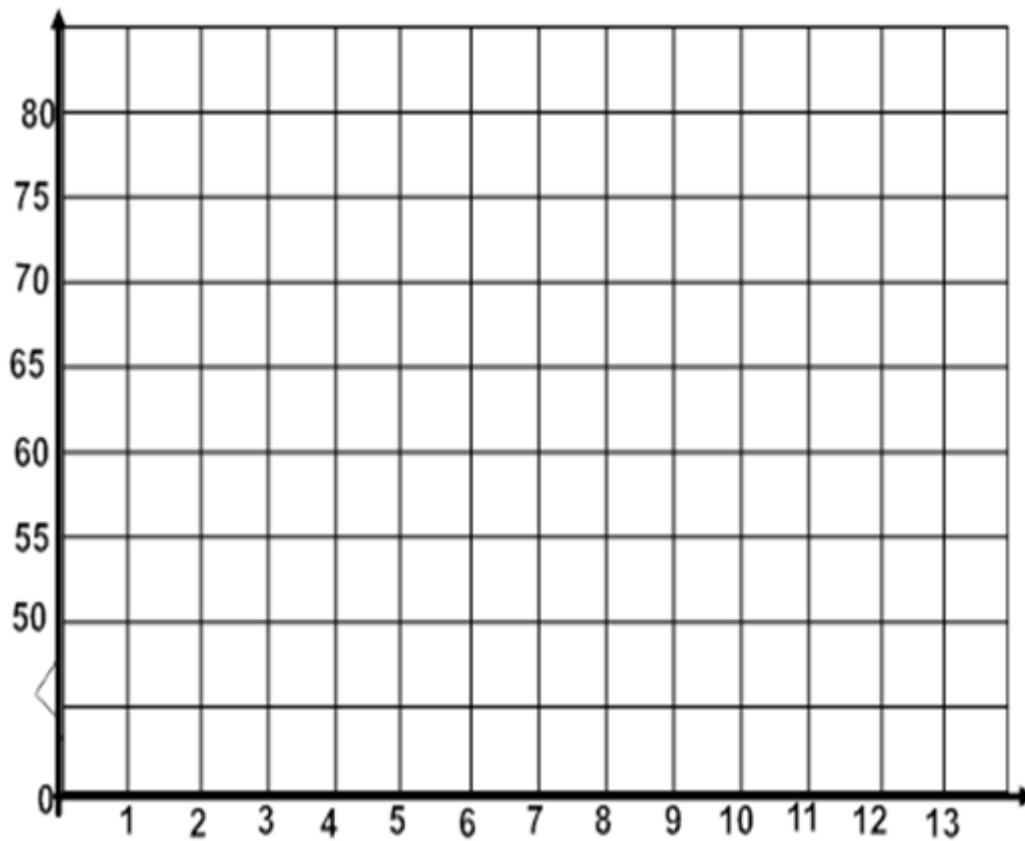
b) How many cm did he grow from his third month to his sixth month?

_____

c) What was his height in the 12th month? How much did he grow from his birth till 12th month?

_____

_____

_____

_____

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