

ATOMIC ENERGY CENTRAL SCHOOL NO.3, RAWATBHATA

Subject – Maths

Confidence Test (February- 2020)

Class: I V

Date: _____

Time: 3:00 Hours

Name: _____

Roll No.: _____

MM – 80 / MO _____

Invigilator's Sign: _____

Examiner's Sign: _____

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SECTION-A KNOWLEDGE (20 MARKS)

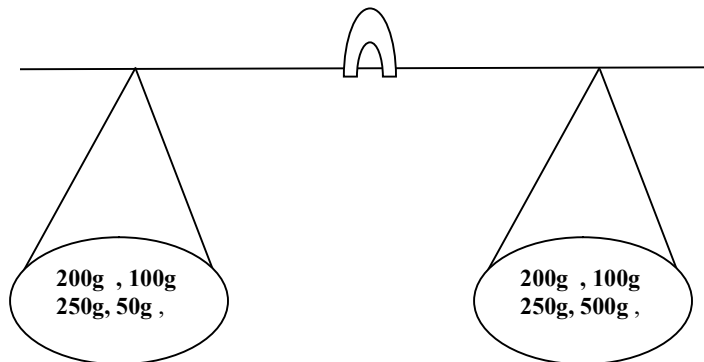
AI Fill in the blanks: (1 X 10 = 10)

1. A circle has only one.....
2. If radius is 4cm, then the diameter is.....cm .
3. $\frac{7}{14}$, Numerator is.....
4. $\frac{56}{109}$, Denominator is.....
5. 14Kg = _____g.
6. The segment that joins any two points on the circle is called the _____ of the circle.
7. To make the multiplication table of 9, Suman added the table of 6 and the table of _____.
8. Radius is the _____ of diameter.
9. Complete the pattern- 345, 456, _____, 678
10. Write the name of the fraction $\frac{3}{4}$

AII Do as directed.

(2X5=10)

1 Which pan of the balance will go down? Show by means of an arrow.

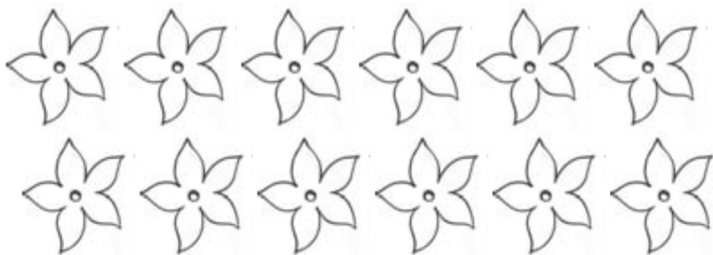


How much more weight will you need to balance the pans? _____

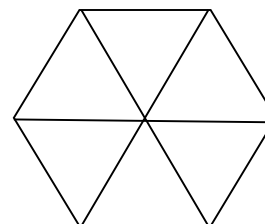
2. Draw a circle having centre 'O'. Also draw a radius OA and a chord AB less than its diameter.

3. 1) Colour the part of the following.

a) $\frac{3}{4}$ of Total flowers.



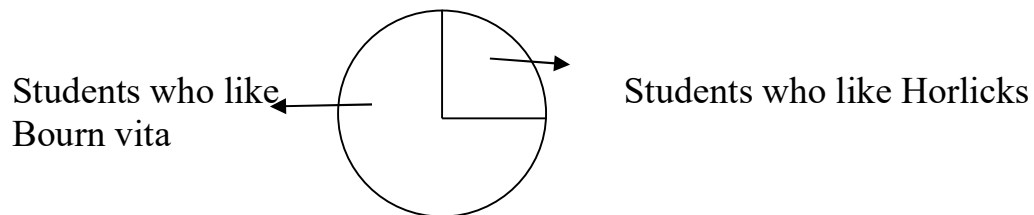
2. $\frac{1}{3}$ part of this hexagon



4. Draw a floor pattern using
and colour the pattern.



5. Some students were asked which of these drinks they liked most- Bourn vita, Horlicks,



Look at the chapatti chart and give the answer.

- a) The students who like complain are _____ of total students.
- c) If 10 students like Horlicks , many students are there in all? _____

SECTION-B UNDERSTANDING (20MARKS)

B-I Fill in the blanks: (1x 6=6)

1. A fraction with numerator 16 and denominator 45 is
2. 989 , 889, 789 , _____, _____

3. Three quarter of a litre =millilitres.
4. The length of required wire for fencing of any field is equal to the length of its _____
5. If ☺ shows 12 children then ☺ ☺ ☺ shows _____ children.

BII Find the following. (2x5=10)

- 1 a) Write in ascending order:

$\frac{3}{61}$, $\frac{2}{61}$, $\frac{5}{61}$, $\frac{4}{61}$ _____

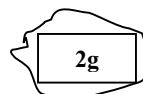
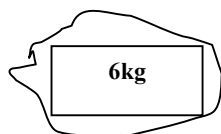
- b) Write in descending order:

$\frac{6}{16}$, $\frac{7}{16}$, $\frac{9}{16}$, $\frac{8}{16}$ _____

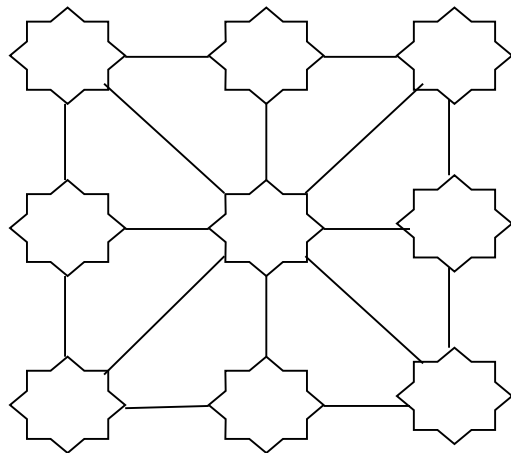
2. a) Meera counted 144 legs of cat's .So there are ____ cats in the box.

- b) How many legs do the 15 cows have?

3. Raju has some stones of different weights.
How will Raju use these stone pieces to weigh-



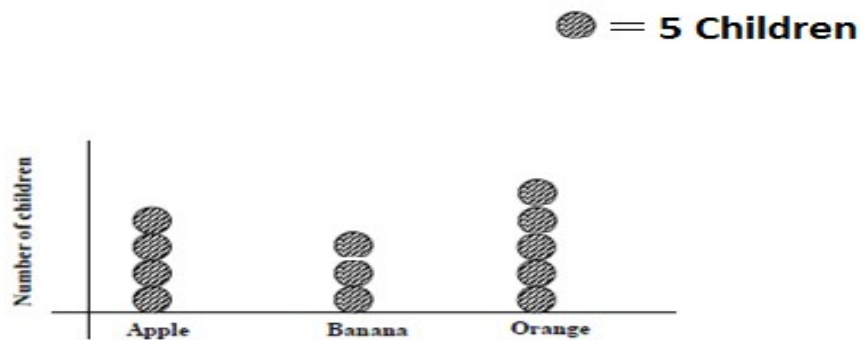
- 5 Use the numbers 4 to 12 and fill in the .The rule is the numbers in each line add up to 24.



B-III Read the Chart.

(4)

This Chapati chart shows the number of children who like different fruits.



- i) _____ Children like oranges.
- ii) _____ are liked by most of them.
- iii) How many children like apple? _____
- iv) How many children are there in all? _____

SECTION-C ABILITY IN COMPUTATION (20MARKS).

C-I Fill in the blanks: (1x6=6)

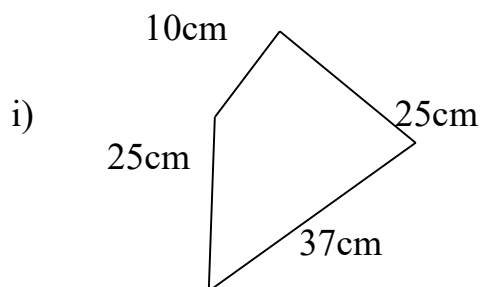
1. $4356 \times \underline{\hspace{2cm}} = 0$
2. $2178 \times \underline{\hspace{2cm}} = 2178000$
3. $\underline{\hspace{2cm}} \div 125 = 1$
4. $250\text{ml} + \underline{\hspace{3cm}} + 500\text{ml} = 1\text{L}$
5. The radius of a circle which has 24cm diameter is cm.
6. Length of a boundary of a square having 5cm side is cm

C-II Do as directed. (2X5=10)

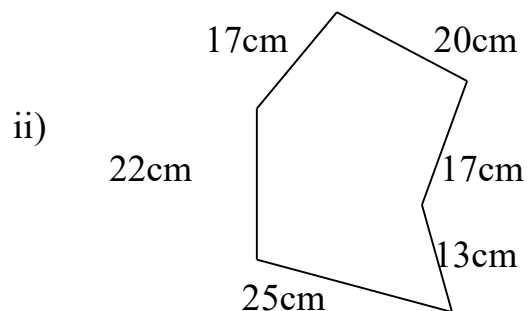
1. Multiply:

$$56 \times 38$$

2. Find the boundary of given shapes.



Boundary = _____



Boundary = _____

3. Divide:

$$725 \div 5$$

4. Item Price in rupees

Item	Price in Rupees /Kg
Tomatoes	10
Potatoes	12
Onion	16

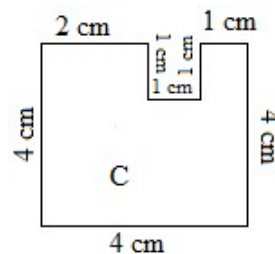
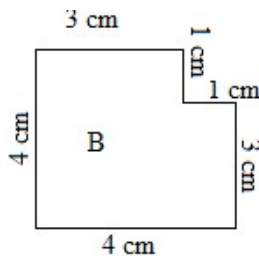
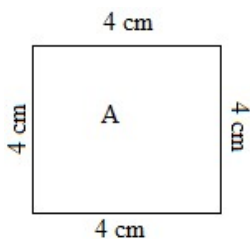
i) The total cost of $\frac{1}{2}$ kg tomatoes and $\frac{1}{2}$ kg onion is Rs. _____

ii) Arun wants 1Kg of tomatoes, $\frac{1}{2}$ kg potatoes and $\frac{1}{4}$ kg onion. He has

Rs. 20 with him. Is it sufficient to buy these items?

Ans. _____

5. A square has a boundary of 16 cm



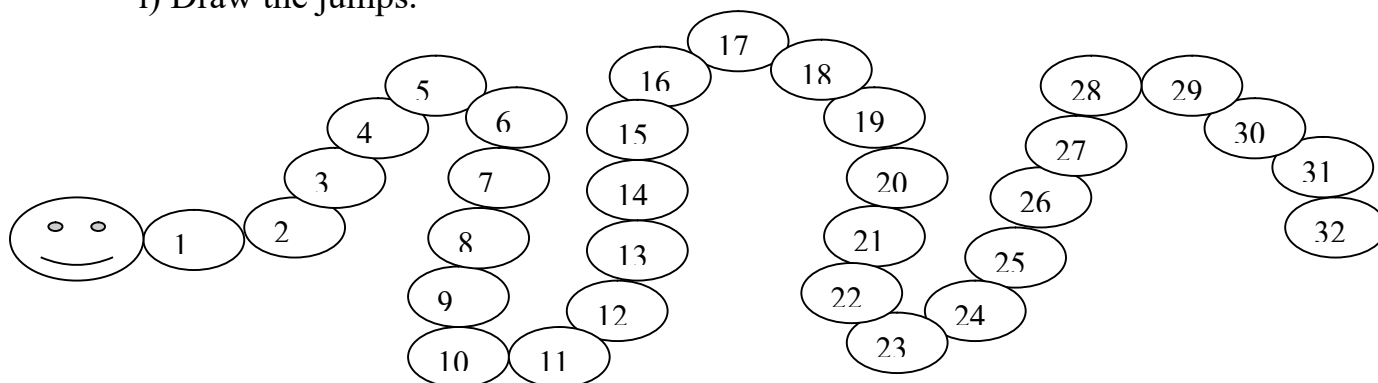
From square A, a small square of side 1 cm is cut to get the shape B and C.
Find the length of boundary of B and C.

BIII Look at the picture and answer the question.

(4)

A squirrel is jumping 8 steps at a time starting from 0.

i) Draw the jumps.



ii) He will take _____ jumps to reach at 56.

iii) If he is at 96 , he has taken _____ jumps.

iv) After 25 jumps it reaches at _____.

SECTION-D PROBLEM SOLVING ABILITY (20MARKS)

D-I Fill in the blanks.

(1x6=6)

1. Find perimeter of square with side 2cm.....
2. A packet contains 35 pencils. 10 such packets will contain.....pencils.
3. Ten, 20 rupee notes make _____ rupees
4. Half of half is _____
5. We can make the table of 8 with the tables of 5 and _____
6. 5 rows with 4 glasses each = _____ glasses

DII Solve the following.

(2x5=10)

1. A rectangular table cloth of length 130cm and breadth 80cm.
Kiran wants to put lace around it.

i) How much lace will be needed ?



ii) If she bought 5metres lace, is it enough? How much lace will be left?

2. There are 84 scouts, 6 scouts sleep in one tent.
How many tents required for all scouts ?

3. A vegetable-seller had 25kg of onions. He sold 20kg250gm .
How much onions are left with him?

If he sold the bought the onions for Rs. 375 and sold them in Rs.500,
how much money did he earn?

4. A family of 5 needs 24 kg of wheat for a month. How much wheat does this family need for two weeks.
5. Sumit wants 1200 sacks of cement for making a home. A truck carries 300 sacks at a time. How many trips will the truck make?

DIII Do as directed. (4)
Make a colourful pie chart to represent the following information.

Favourite SPORTS of class IV.

SPORTS	Number of students.
Hockey	15
Football	30
Cricket	40
Badminton	5
Basketball	20