MATHEMATICS
WORKSHEETS

CLASS V

Kendriya Vidyalaya Sangathan

Cluster 2
K.V.Hebbal,
K.V IISc,
K.V. No.1 Jalahalli,
K.V No.2 Jalahalli,
K.V. Malleswaram

MATH-MAGIC
BOOK 5

Worksheets Planned For the Year 2011-12

INTRODUCTION

The word mathematics often brings frown on the face of children. They feel jittery to learn with numbers. To erase this perception of mathematics and to make it a joyful learning experience this workbook is brought out. This edition of the workbook is prepared specially to develop interest among children to learn mathematics without the feeling of burden (Generous Joy NCF 2005).

The following are the highlights of this workbook:

· Readiness exercises

· Child-centered Activities

· Exercises designed especially for the development of understanding, computation and problem-solving skills.

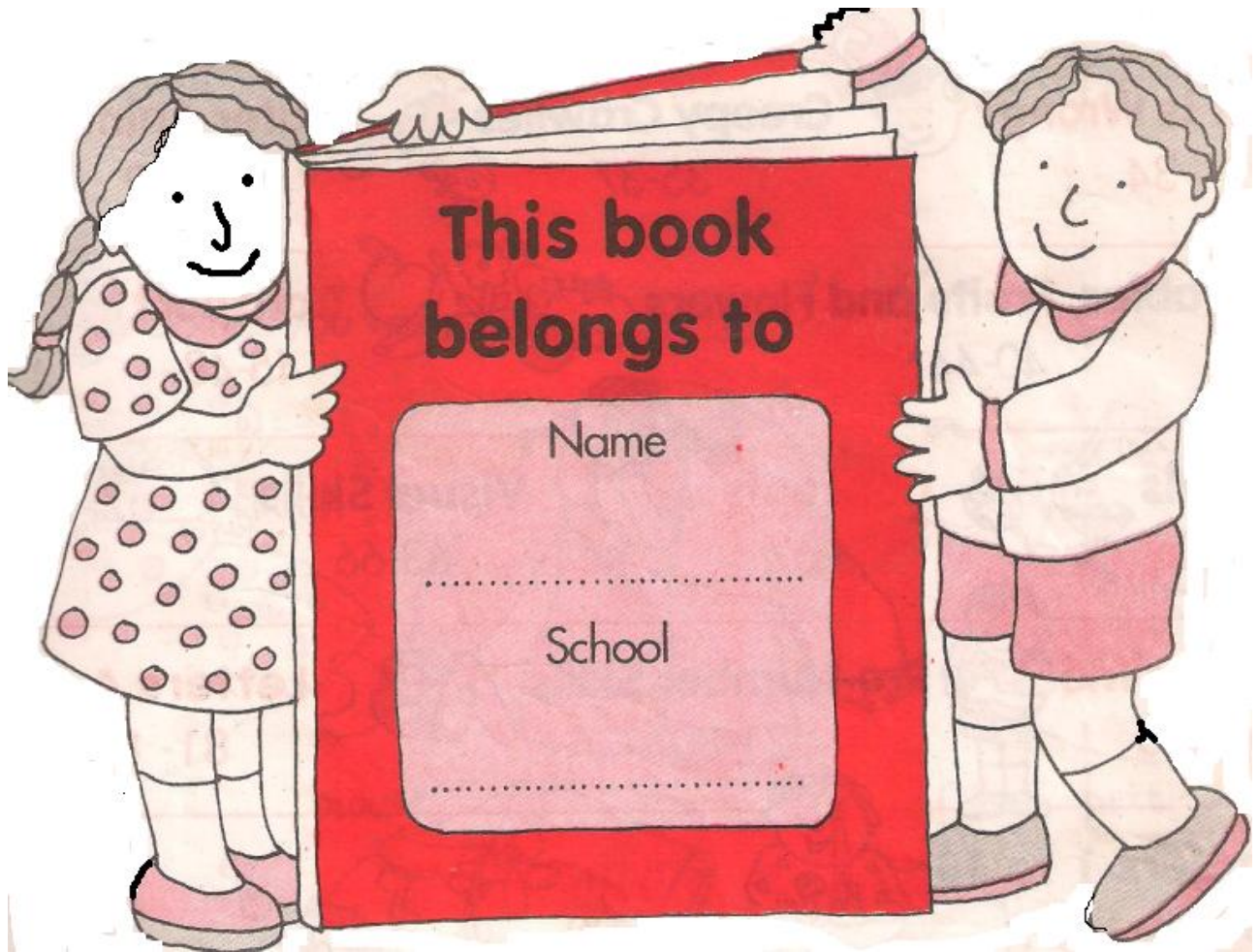· Strengthening of the learning process though team/group based activities.

The activities in this book aim to fortify the concepts learnt by the child in class and encourage the child to think laterally by approaching each concept from different perspectives. The exercises have been carefully designed and arranged to enable the child to work them out individually.

I trust this workbook will prove beneficial to students, teachers and parents as well.

ACKNOWLEDGEMENT

WORK BOOK IN MATHEMATICS (2011-12)
Class 4

This book
belongs to

Name

....

School

....

Paste your photo in the box:

Table of Contents:

Topic: The fish Tale

Worksheet No : 1   Date : _____
                                    Month: _____

Competency : Formation of Numbers

1.   The numeral form of six lakh five thousand six hundred and fifteen
       is_____.

2.   1 Kg = _____g.

Competency-UBC

1.   A log boat travels 4 kms in 1 hour. How long will it take
      to travel 20 kms?

Competency-PSA

1.   18 fisherwomen of Jamnagar have started a bank. Each of them deposits
      Rs.965 every month. What amount is deposited in the bank in a year?

      Competency-AC

1.A cement tank costs Rs.3985.Raman wants to buy 3 cement tanks.He has
Rs.10000 with him. Will he be able to buy the cement tanks?

Teacher's Signature   Parent's Signature

Topic : The Fish Tale
Worksheet 2

Date: _____
Month:_____

Competency-Formation of Numbers

1.Write the place and place value of the underlined digits:-

S.No.	Number	Place	Place Value
1.	96,52,963		
2.	63,62,302		
3.	14,52,639		

Competency-Understanding Basic Concepts

1. A boat can carry 19 kgs of fresh fish. How many boats are needed to carry 57000g of fresh fish?

Competency-   Problem Solving Ability

Seema took a loan of Rs.8596 from the bank.She pays back Rs.9286 to the bank.What amount did she pay back as interest to the bank?Seema was able to repay the loan in 2 months and she paid equal amounts in 2 months. What amount did she pay in a month?

Teacher's Signature   Parent's Signature

Topic : The Fish Tale

Worksheet 2

Date: _____

Month:_____

Competency-Formation of Numbers

1.   63 Kg = _____g.
2.   1 km = _____m.
3.   _____lakhs = 1 crore

Competency -   Understanding Basic Concepts

Price List per Kg.
Fresh Fish = Rs.65.00
Dry Fish = Rs.75.00
King Fish = Rs.105.00
Sardine = Rs.98.00

a)   How many Kgs of sardine can you buy if you have Rs.588?

b)   Gracy buys 2Kg Fresh Fish,1 Kg Dry Fish , 4 Kg King Fish and pays Rs.1000.What amount will she get back?

c)   Shamu buys 500g of Sardine. What amount should he pay?

Teacher's Signature   Parent's Signature

Topic : The Fish Tale
Worksheet 4

Date: _____
Month:_____

Competency: Ability to Compute

A shark weighs 16000 Kgs.

a)   Rita weighs 40Kg. By how many Kgs is the weight of the shark more than that of Rita?

b)   Josy weighs 50 Kg. By how many Kgs is the weight of the shark more than that of Josy?

Competency – Problem Solving Ability

1 Kg Prawns = Rs.150

1 Kg Squid = Rs.50

Kalu has Rs.100.He spends ¼ of the money on squid and ¾ the money on prawns.

a)   How many Kgs of squid did he buy?

b)   How many Kgs of prawns did he buy?

Teacher's Signature   Parent's Signature
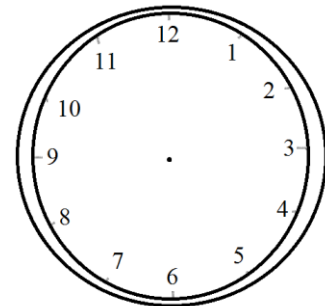
Topic : Shapes and Angles
Worksheet 1

Date: _____

Month:_____

Competency- Formation of Numbers

1.   Right angle = _____ degrees

2.   An obtuse angle is more than a _____ angle.

3.   2 x Right angle = _____ degrees.

Competency: Understanding Basic Concepts

What measure (in degrees) should be added to the following to make them a right angle?

i) 34°

ii) 16°

iii) 19°

iv) 28°

v) 78°

vi) 38°

vii) 84°

viii) 90°

Competency :Ability to Compute

Measure the following angles:-
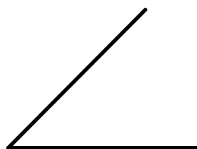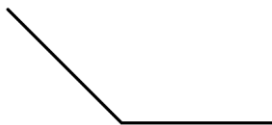
Topic : Shapes and Angles
Worksheet 2

Date: _____

Month:_____

Competency-Understanding Basic Concepts

1.   What kind of angle (acute , obtuse , right) is made by the hands of these
      clocks. Also write the time.
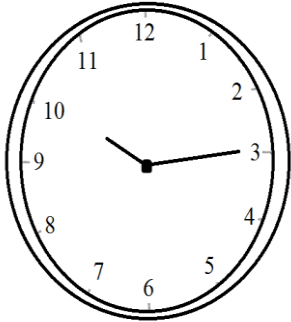
Angle [   ]   Angle [   ]   Angle [   ]
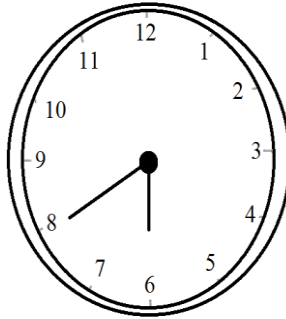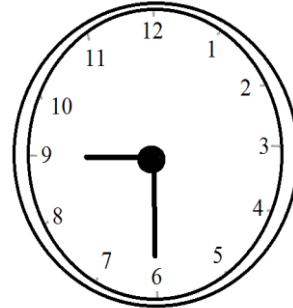
Time [   ]   Time [   ]   Time [   ]

2.   Draw the hands of the clock when they make an angle greater than a right
      angle.
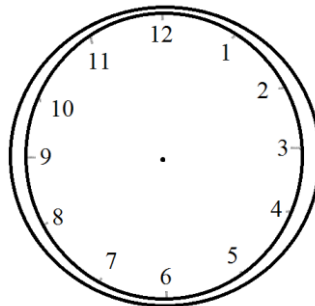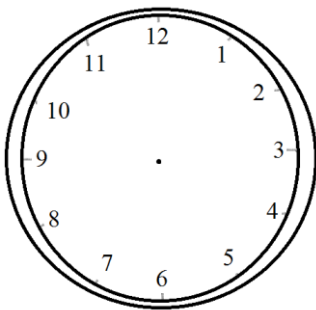
Teacher's Signature   Parent's Signature

Topic : Shapes and Angles
Worksheet 3

Date: _____
Month:_____

Competency-Problem Solving Ability

1.   Raghu draws an angle measuring 140 degrees. He now divides this angle into 2 equal parts.

        What is the measure of each of the smaller angles?

2.   Seema draws a right angle.She divides this into 3 equal parts.What is the measure of each part? What kind of angle is this?

Competency-Ability to Compute

Identify the following angles as acute, obtuse or right angles:-

a .   3 degrees - _____

b.   12 degrees - _____

c.   72 degrees - _____

d.   165 degrees - _____

e.   90 degrees - _____

f.   60 degrees - _____

g.   61 degrees - _____

h.   91 degrees - _____

i.   89 degrees - _____

j.   179 degrees - _____

Teacher's Signature   Parent's Signature

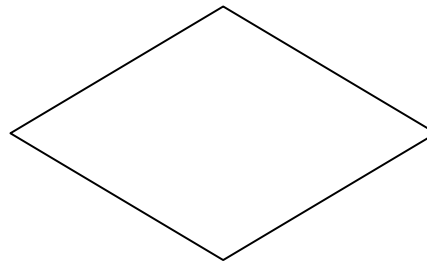Topic :- Shapes and Angles
Worksheet 4

Date: _____

Month:_____

Competency-Understanding Basic Concepts

Count the number of angles and write them in the space given.
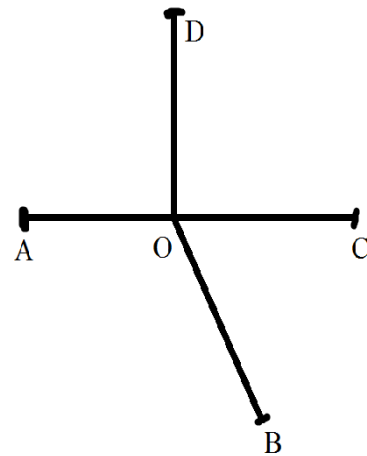
_____

_____

_____

_____
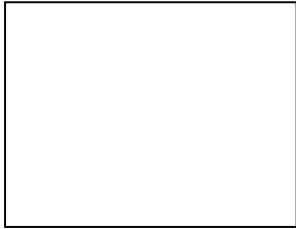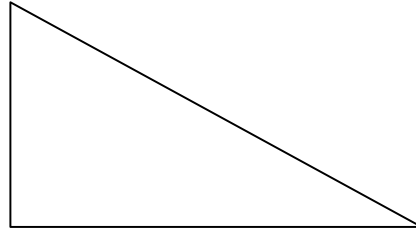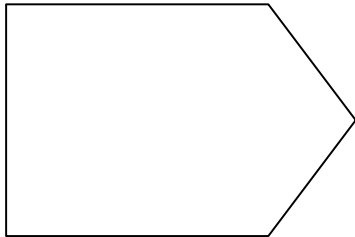
Observe the figure and answer the questions:

1.   Name the common vertex.

2.   Name the right angle.

3.   Name the angle less than right angle.

4.   Name the angle more than right angle.

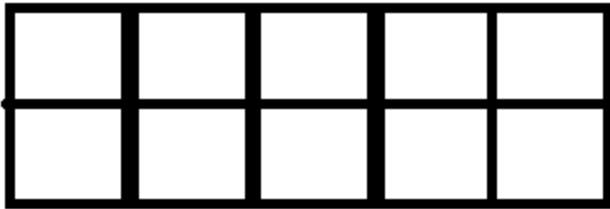5.   Name the arms of angle AOB.
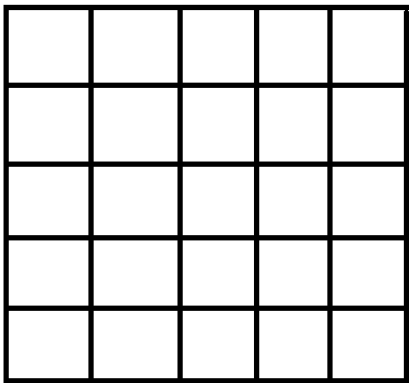
Teacher's Signature

Parent's Signature

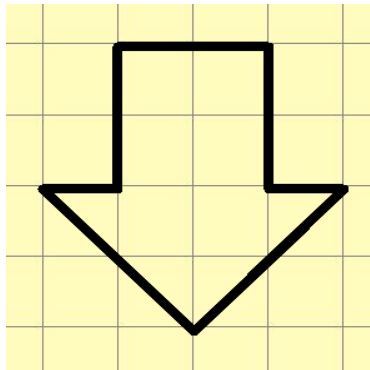Topic :- How many Squares?

Worksheet 1

Date: _____

Month:_____

Competency Understanding Basic Concepts

Find the perimeter of the following:-

_____

_____

Find the area of the following
figures:-
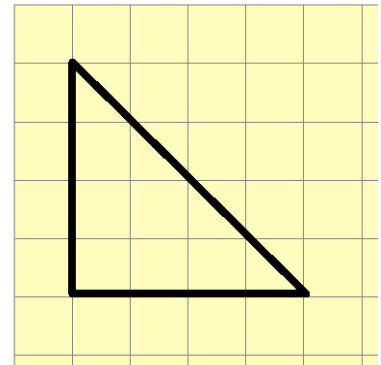
Teacher's Signature   Parent's Signature
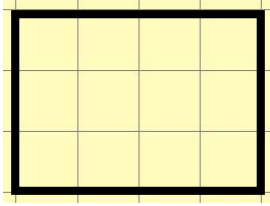
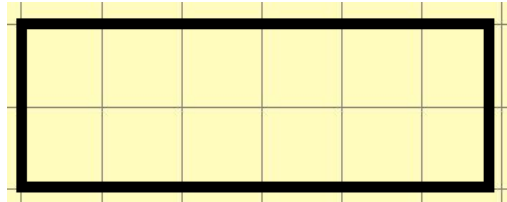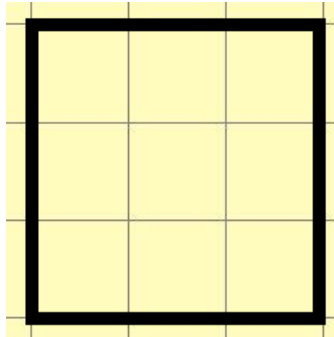# Topic : How many Squares?
Worksheet 2

Date: _____

Month:_____

Competency Understanding Basic Concepts

Show the different ways you can express the following areas:-

Ex:12 sq.cm

4 x 3   6 x 2

1. 18 sq.cm

2. 8 sq.cm

3.15 sq.cm

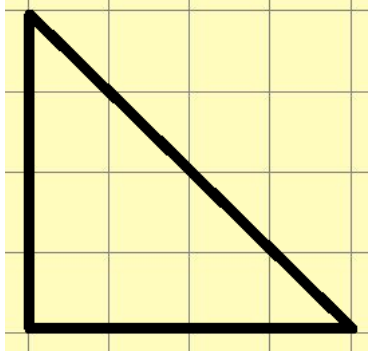Teacher's Signature   Parent's Signature

Topic :- How many Squares?
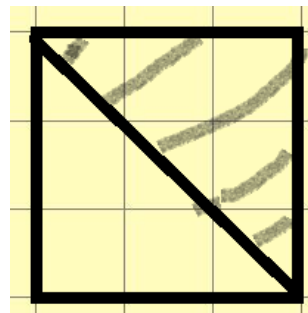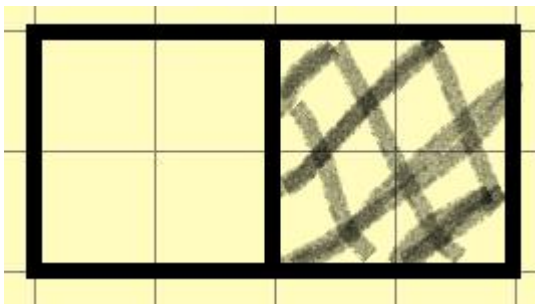## Worksheet 3

Date: _____

Month:_____

Competency-Ability to Compute

1.   Is the area of both the figures same? Give reasons for your answer.

_____
_____
_____
_____
_____
_____

2.   What is the area of the shaded part?

Teacher's Signature   Parent's Signature
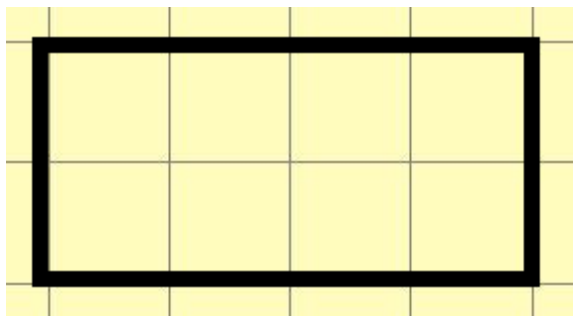
Topic :- How many Squares?
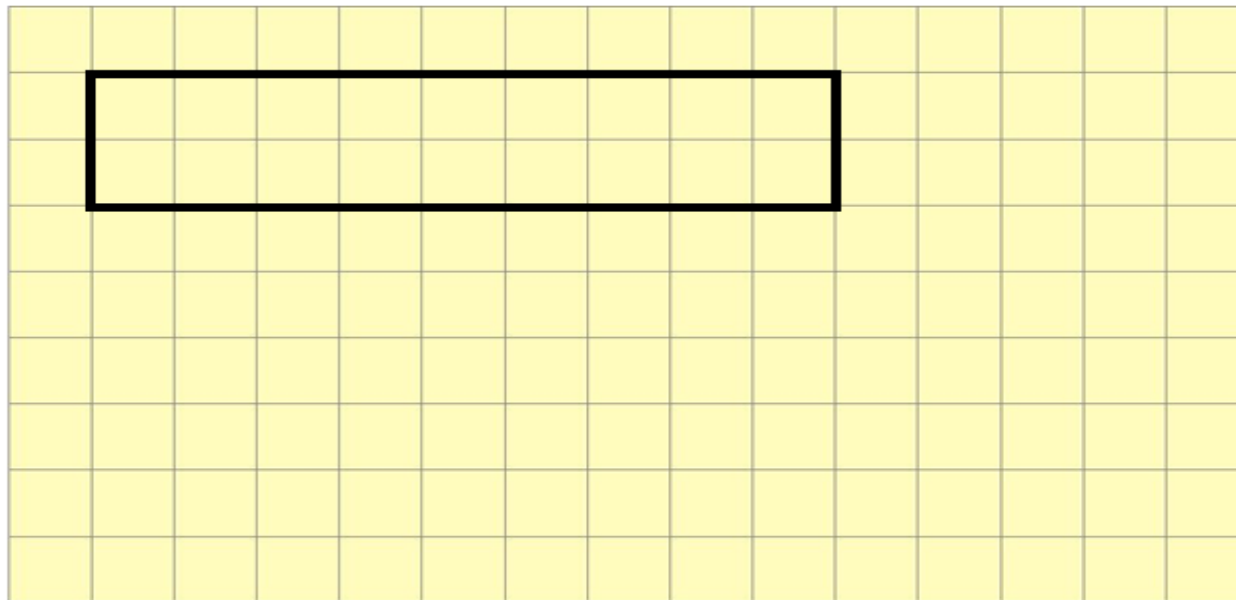## Worksheet 4

Date: _____
Month:_____

Competency-Understanding Basic Concepts

1.   Here is a rectangle of area 8 sq.cm.

a)   Draw 2 straight lines in this rectangle to divide it into 1 rectangle and 2 equal triangles. Find the area of the new rectangle and the area of 1 of the triangles.

2.   Rearrange the squares in the rectangle to form another rectangle whose perimeter is 18cm.

TOPIC: PARTS AND WHOLES
WORKSHEET NO 1

Date _____

Month_____

	Write	Say
	$\dfrac{1}{3}$	one-third
	$\dfrac{1}{2}$	one-half
	$\dfrac{2}{3}$	two-thirds
	$\dfrac{3}{5}$	three-fifths
	$\dfrac{1}{4}$	one-fourth
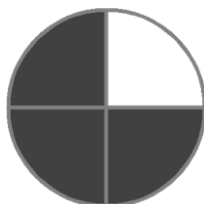
	Write	Say
	$\dfrac{3}{4}$	three-fourths
	$\dfrac{4}{5}$	four-fifths
	$\dfrac{2}{4}$	two-fourths
	$\dfrac{2}{3}$	two-thirds
	$\dfrac{1}{5}$	one-fifth
	$\dfrac{2}{5}$	two-fifths
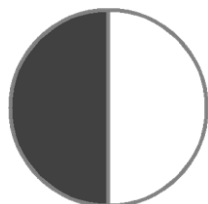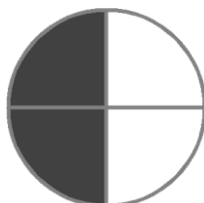
Teacher's Sign _____

Parent's Sign_____

TOPIC: PARTS AND WHOLES
WORKSHEET NO 2

Date _____

Month_____

Match the following

- 1/3, 2/5, 11/13   mixed numeral

- 11/9 ,15/13 , 20/17   proper fraction

- 7/8, 1/8 , 2/8   unit fractions

- 1/3, 1/4, 1/5   improper fractions

- 2 1/3,4 1/7,53/8,   like fractions

- 4/6,5/6,3/6,2/6   unlike fractions

Write the reciprocal (multiplicative inverse) of the following.

a) 4 _____

b) 1/5_____

c) 34/45_____

d) 12/35_____

e) 9_____

f) 2/4_____

g) 55/76_____

TOPIC: PARTS AND WHOLES
WORKSHEET NO 3

Date _____

Month_____

Competency : Understanding Basic Concepts

FILL IN THE MISSING NUMBERS TO MAKE EQUIVALENT FRACTIIONS

A

1/2	

1/4	1/4		

B

1/10 (top) 1/10				
1/5				

C

1/4	1/4		

1/8	1/8	1/8	1/8				

Find the equivalent fraction of 7/9 having

a) Numerator 63_____

b) Denominator 18 _____

Teacher's Sign _____   Parent's Sign_____

TOPIC: PARTS AND WHOLES
WORKSHEET NO 4

Date _____

Month_____

Competency : Understanding Basic Concepts

Write as fractions

a) $16 \div 4 =$

b) $24 \div 7 =$

c) $94 \div 31 =$

d) $63 \div 5 =$

Write as a division fact:

a) $6/11 =$

b) $23/15 =$

c) $40/50 =$

d) $90/71 =$

Teacher's Sign _____   Parent's Sign_____

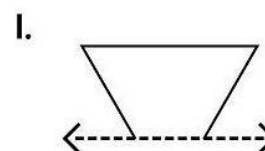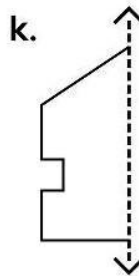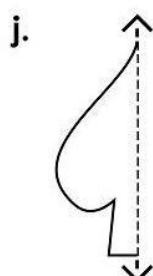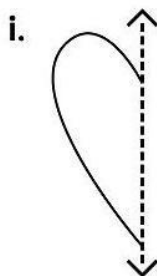# Topic : Does it look the same

Worksheet 1

Date: _____

Month:_____

COMPETENCY: understanding basic concepts

Observe and write whether the dotted line on each shape represents a line of symmetry.
(Write yes or no.)

a.

b.

c.

d.

e.

f.

g.

h.

i.

j.

k.

l.
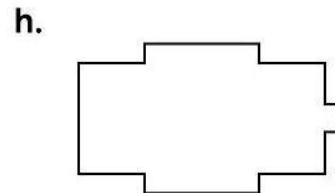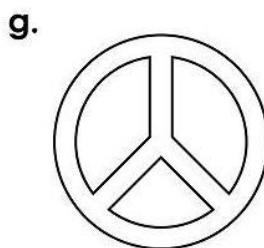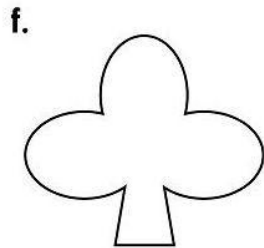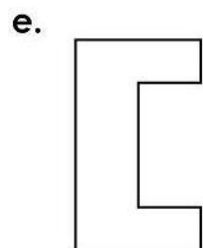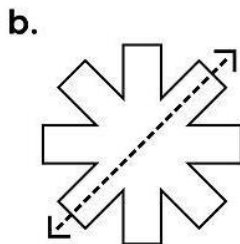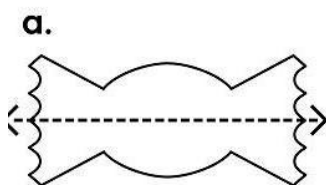
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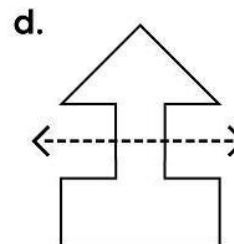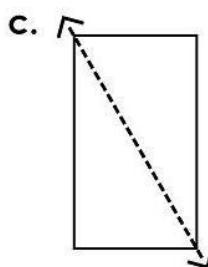
Topic : Does it look the same
Worksheet 2

Date: _____

Month:_____

COMPETENCY: Problem Solving Ability

Draw lines of symmetry on the shapes below. Some shapes may have more than one line of symmetry

a.

b.

c.

d.

e.

f.

g.

h.

I.
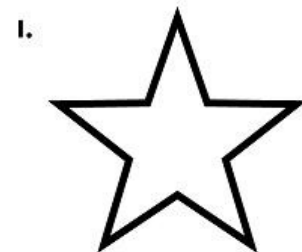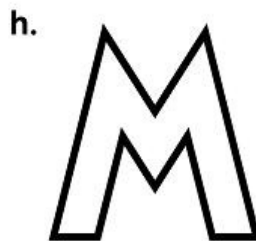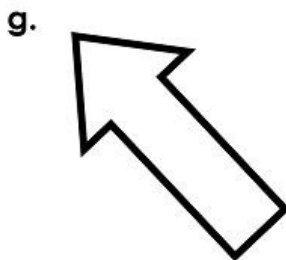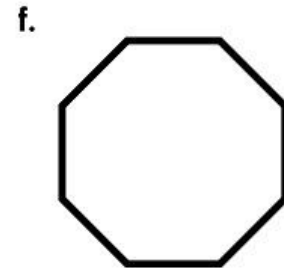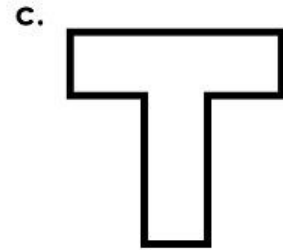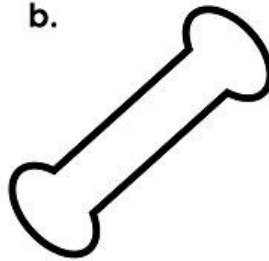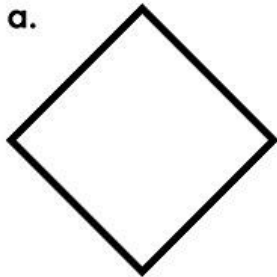
Teacher's Sign _____   Parent's Sign_____

Topic : Does it look the same
Worksheet 3

Date: _____
Month:_____

Color the pattern to make a symmetrical design.

Teacher's Sign _____   Parent's Sign_____

Topic : Does it look the same
Worksheet 4

Date: _____

Month:_____

Competency: Problem Solving Ability

Snowman With a pencil, draw a picture of a symmetrical snowman. Draw the line of symmetry with a red pen or marker.	Alien With a pencil, draw a picture of a symmetrical space alien. Draw the line of symmetry with a red pen or marker
Sailboat With a pencil, draw a picture of a symmetrical sailboat. Draw the line of symmetry with a red pen or marker	Friend With a pencil, draw a symmetrical picture of a friend. Draw the line of symmetry with a red pen or marker.

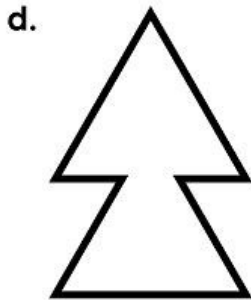Teacher's Sign _____   Parent's Sign_____

Topic : Be My Multiple I will be Your Factor
Worksheet 1

Date: _____

Month:_____

1. When two or more numbers are multiplied, then each number is

   a_____ of the product and the product is the_____ the

   numbers.

2. In statement 7 X 4 =28 , 7 and 4 are _____ of the

   multiple_____

3. _____ is a factor of every number.

4. Every non zero number is a factor of _____

5. Every number is a multiple of _____

6. The next four numbers are 3 ,6, 9,_____ ,_____ ,_____ ,_____

7. The first common multiple of 4 and 8 is _____

8. The multiplies of 15 lying between 50 and 100 are

   _____

9. _____ is neither prime nor composite.

10. Are all prime numbers odd? YES /NO_____

11. The factors of 12 are 1 , 2 ,3, 4, 6 and X .What is X?_____

12. Numbers which have more than two factors are called_____

13.Numbers which have only two factors are called_____

Teacher's Sign _____   Parent's Sign_____

Topic : Be My Multiple I will be Your Factor
Worksheet 2

Date: _____

Month:_____

Competency :   Understanding Basic Concepts

11	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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- Shade out 1

- Shade all even numbers higher than two.

- Shade out multiples of 5 , except 5 itself

- Shade out multiples of 7 , except 7 itself

- The numbers which are left at the end are _____Numbers
  They are.

Teacher's Sign _____   Parent's Sign_____

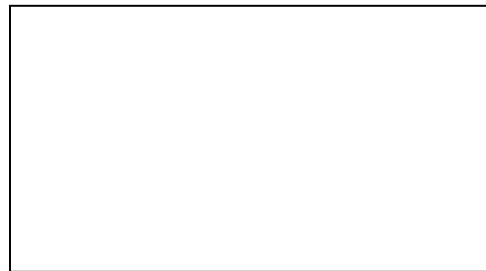# Topic : Be My Multiple I will be Your Factor
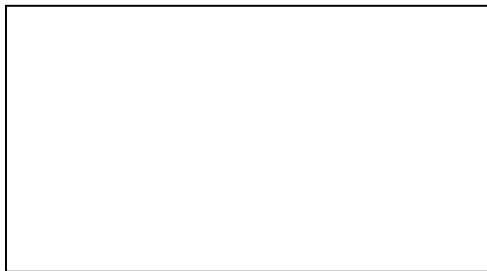
Worksheet 3

Date: _____

Month:_____

Competency: Ability To Compute

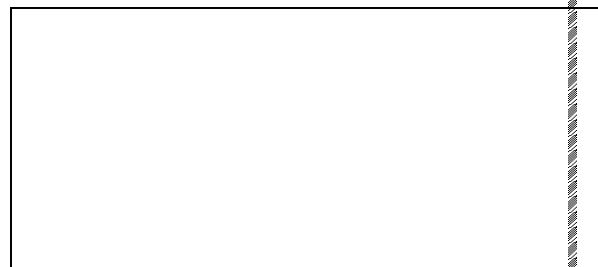Find out the common factors of the following numbers.
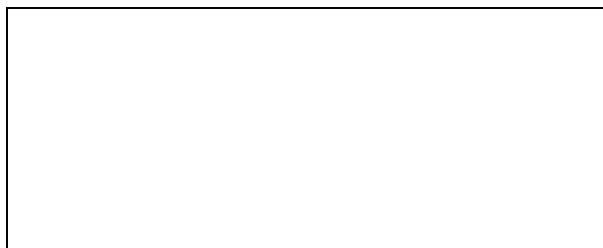
a) 16 , 48

b)10 , 15, 35

c) 36 , 45

d) 12, 120

Write the common multiple of the following numbers.

a) 16 , 42 , 24

b) 60 ,36

Teacher's Sign _____

Parent's Sign_____

Topic : Be My Multiple I will be Your Factor

Worksheet 4

Date: _____
Month:_____

Write the prime factorization for the following numbers

a)   40

b)   78

c) 120

d) 52

b) Using the factor tree write the prime factorization for the following

a) 72

b)   24

Teacher's Sign _____

Parent's Sign_____

Topic - Can You See the Pattern
Worksheet - 1

Month

Date

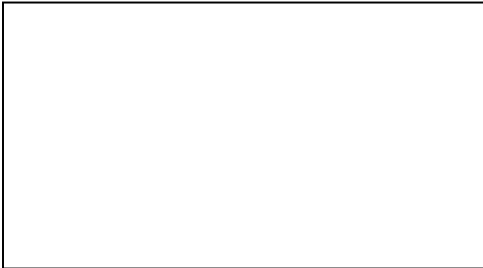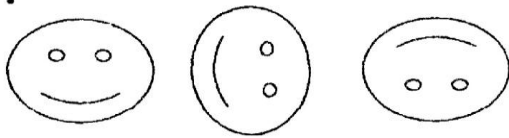### Competency Understanding Basic Concepts

Complete the following patterns.

1.

2.
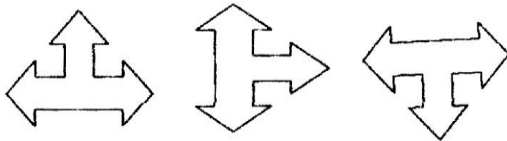
3
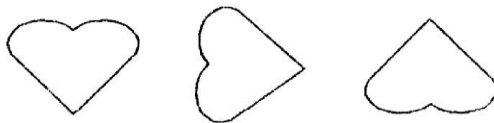
4
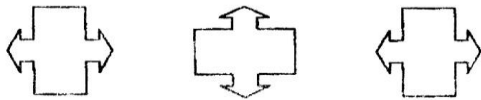
5

6
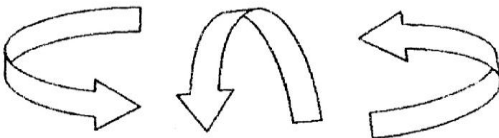
7
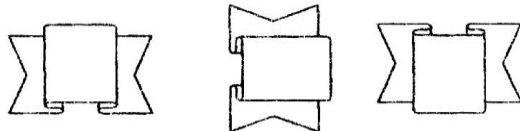
8

Topic: Can You See The Pattern?

Worksheet - 2

Month

Date

Competency Ability Computation

Find the missing number.

1. $6 \times 9 = 6 \times 3 \times$ _____

2. $100 \times 5 = 25 \times$ _____

3. $72 + 10 + 33 = 72 +$ _____

4. $24 + 29 +$ _____ $= 10 + 14 + 29$

5. $48 +$ _____ $= 21 + 38$

6. $31 \times 0 =$ _____

7. $67 + 12 + 43 = 12 +$ _____ $=$ _____

8. $25 \times 0 + 75 =$ _____

9. $180 + 90 - 100 =$ _____

10. $264 + 156 \times 1 =$ _____

11. $111 + 222 + 333 + 444 =$ _____

12. $555 - 500 - 50 - 5 =$ _____

Topic : Can You See The Pattern?

Worksheet - 3

Month

Date

Competency Ability Computation

You will get numbers in each ☐ by multiplying the numbers in the ◯ next to it.

⑦

☐ | 7 7 |

⑬   ⑪

☐   ☐

⑤   ④

☐   ⑮   ☐

⑥

☐   ☐

⑲   ⑭

☐   ☐

⑦

④

☐   ⑫   ☐

Topic : Can You See The Pattern?

Worksheet – 4

Month

Date

Competency Problem Solving Ability

In the magic star write the numbers from 1 to 12 in ⬭ such that the sum of 4 numbers in a row is (26)
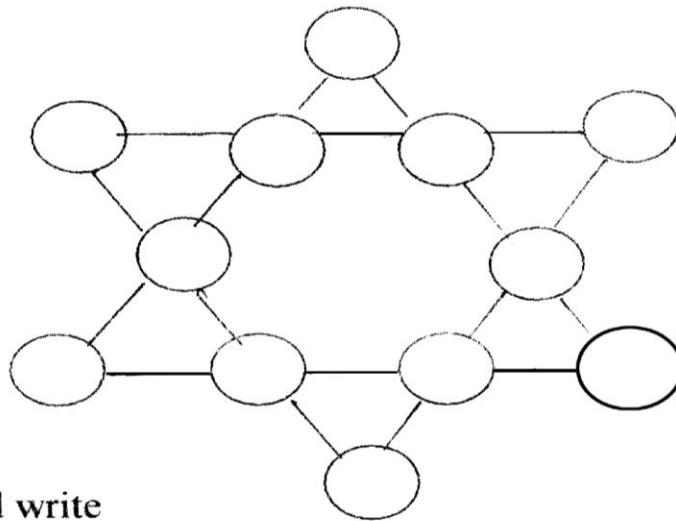
II. Guess and write

1. What is my secret number?

* It is larger than half of 100.

* It is more than 6 tens and less than 7 tens.

* The tens digit is one more than one's digit.

* Together the digits have a sum of 11.

Teacher's Signature   **Parent Signature**

Topic Mapping Your Way

Topic - Maping your way

Worksheet - 1

Month

Date

Competency Problem Solving Ability

1. Study the tourist map of Delhi and answer the questions that follow

Tourist Map of Delhi

(a) Name two tourist spots that are located in—
  • Central Delhi
  • South Delhi

(b) Name two states which have boundaries with Delhi.

(c) In which part of Delhi are the following located?
  • Connaught place
  • Red Fort
  • Lotus temple

Teacher's Signature   **Parent Signature**

Topic : Mapping Your Way

Worksheet - 2

Month

Date

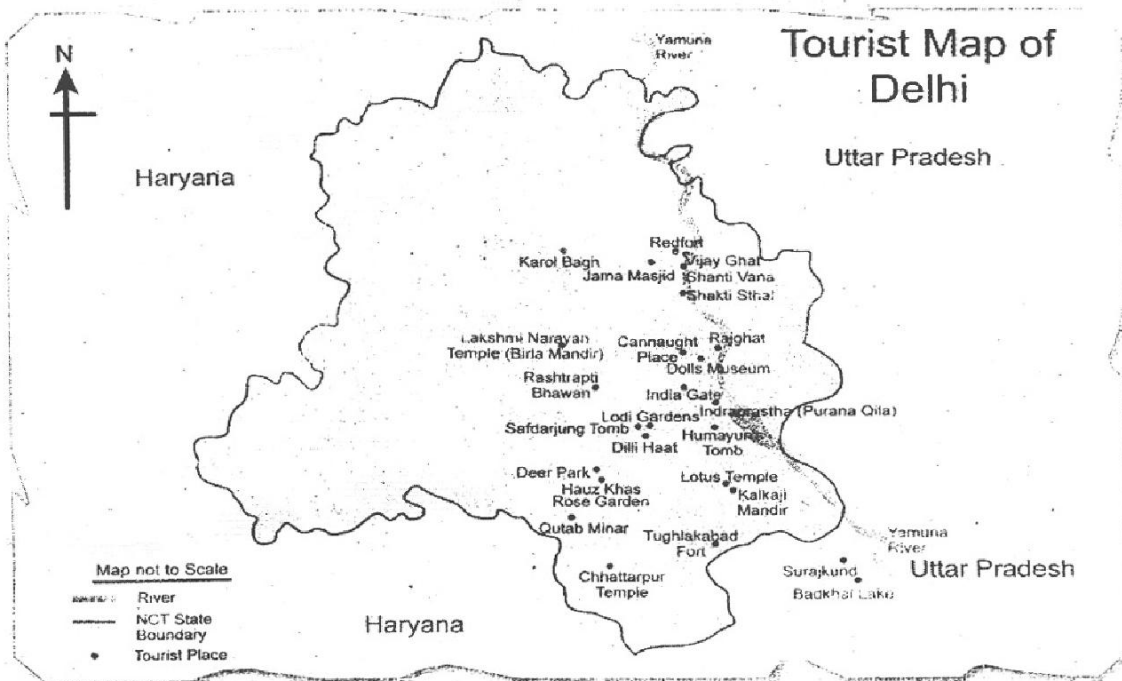**Competency Problem Solving Ability**

1. **Look at the given map of India and answer the questions that follow :**
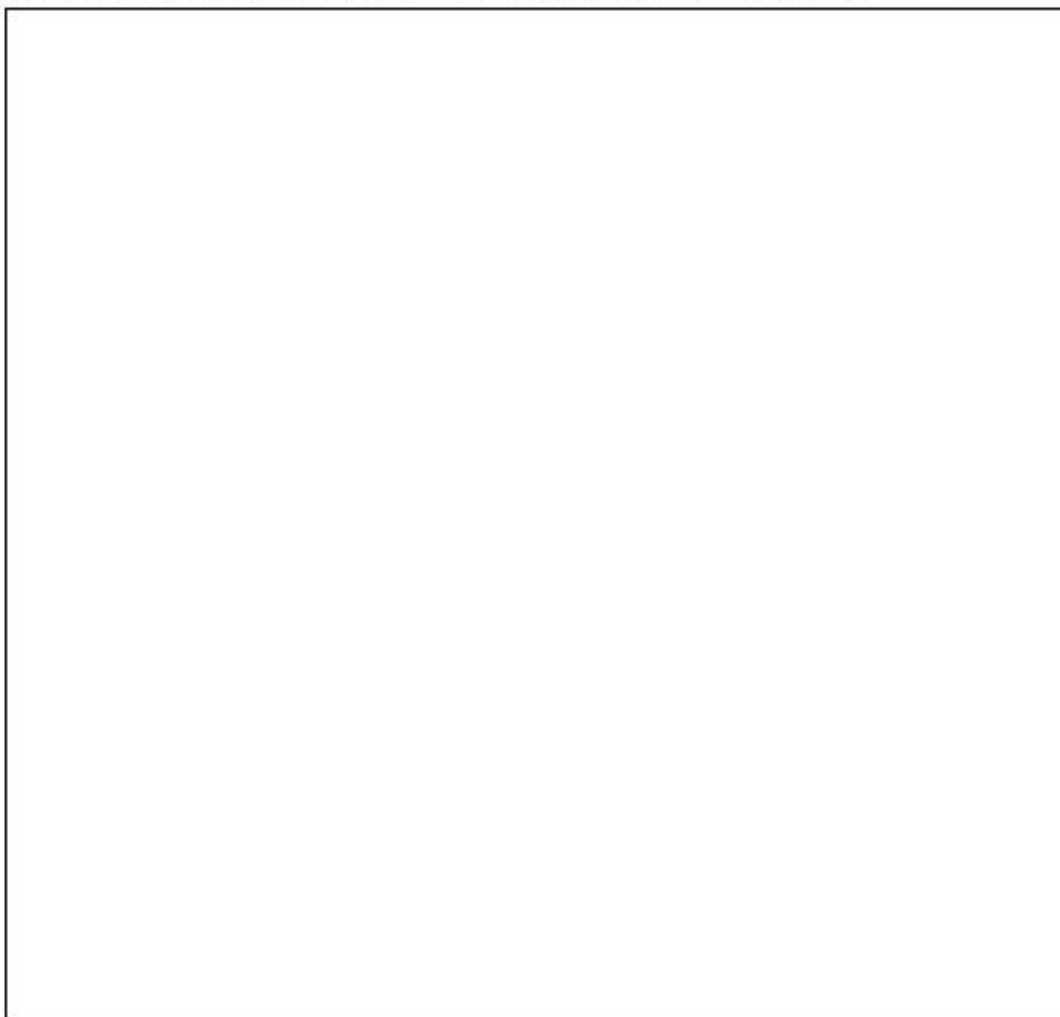
(a) Name :

....

(b) Name 4 eastern states of India.

....

(c) Name 3 states to the north of Delhi.

....

(d) Paresh is going from Rajasthan to Assam. Name the states which fall in between her route.

....

(e) Rashmi is going from Himachal Pradesh to Bangalore (Karnataka). Name the states which fall in between her route.

Topic Mapping Your Way

Date_____
Month_____

Competency: Problem solving Ability

Prepare a route map from your house to your school and mark the important places which u come across.

Teacher's Sign_____   Parent's Sign_____

Topic Mapping Your Way

Worksheet - 4

Month

Date

Competency Problem Solving Ability

Your Grandfather wants to visit your school. Prepare a route map to guide your Grandfather from the school gate to your classroom.

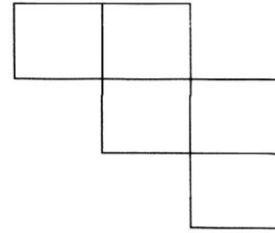**Teacher's Signature**   **Parent Signature**
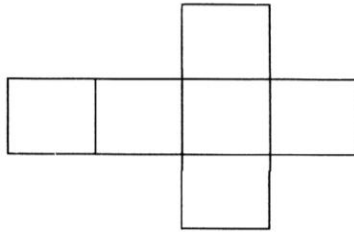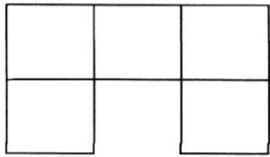
Topic : Boxes and Sketches

Worksheet -1

Date _____

Month_____

Cometency : Understanding Basic Concepts

Which of these nets will make a cube, tick them
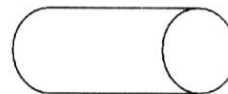
II   Match each net provided in coloumn A to its corresponding object in coloumn B

A   B

1.

2.
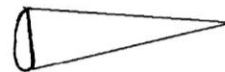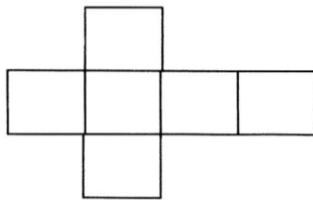
3.
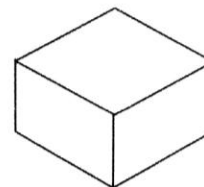
Teacher's Signature   **Parent Signature**

Boxes and Sketches

Worksheet – 2

Date _____
Month_____

Competency Understanding Basic Concepts

I   Fill in the blanks

Sl. No.	Shape	No. of faces	No.of edges	No. of corners
1	Cube			
2	Cuboid			
3	Cylinder			
4	Cone			
5	Triangular Based pyramid			
6	Square based pyramid			

II   Given on the side is a 6 by 6 grid divided into two identical parts. Find two more ways of dividing the grid into two identical parts by drawing along the lines of the grid
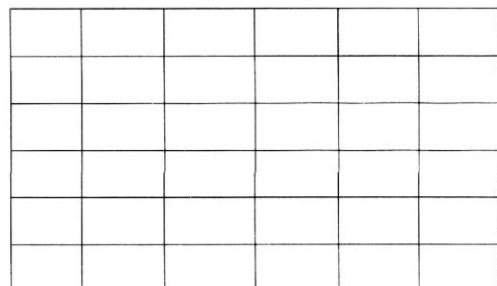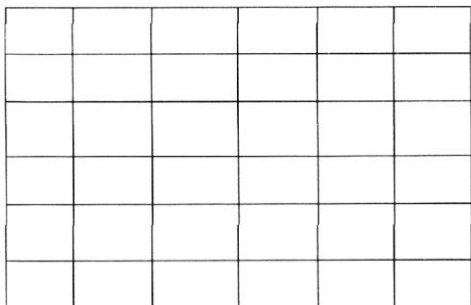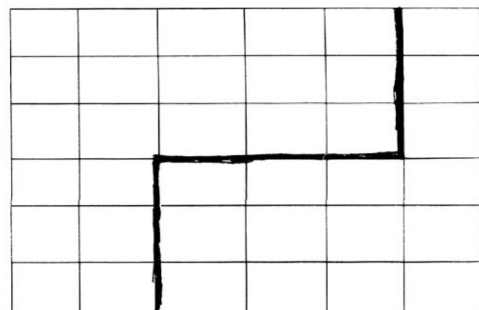
Topic : Boxes and Sketches
Worksheet 3

Date _____
Month_____

Competency: Formation of Numbers

Puzzle

1.   This Cut out is folded to make a Cube
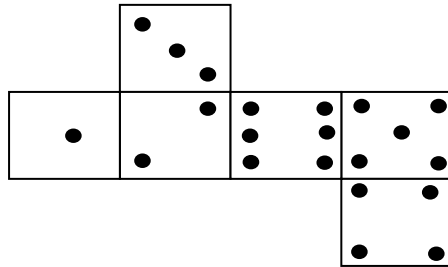
Make a deep drawing of this cube
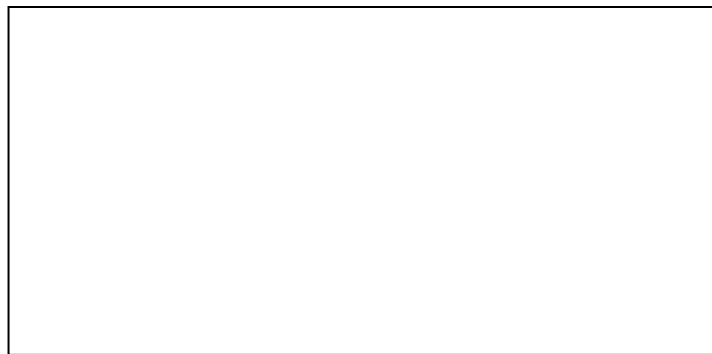
2   Draw five different designs five squares
     ex.
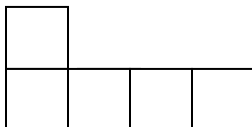
Teacher's Sign_____   Parent's Sign_____

Topic : Boxes and Sketches
Worksheet - 4   Date _____
Month_____

Competency: Problem Solving Ability

I   Draw a floor map of your house, Make doors and windows on the deep
        drawing of this house

II   Join the corners of these figures and write the name of the solid
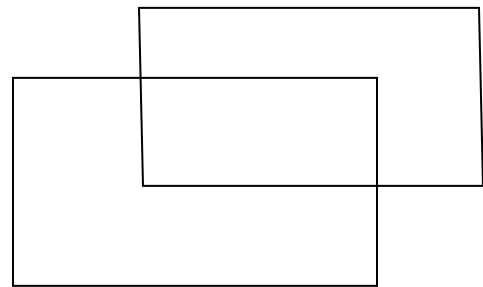
_____   _____

Teacher's Sign_____   Parent's Sign_____

Topic: Tenths and Hundredths

Date : _____
Worksheet No : 1   Month: _____

Competency :   Formation of Numbers

Write the number names for the following decimals:

a)   2.34   _____

b)   50. 123   _____

c)   159.25   _____

d)   234.10   _____

e)   690.358   _____

II   Tick the correct answer

a)   Number name of 43.052 is: i)   forty three point fifty two
                                    ii)   forty three point zero five two

b) $\frac{111}{1000}$ can be written as   i)   0.111
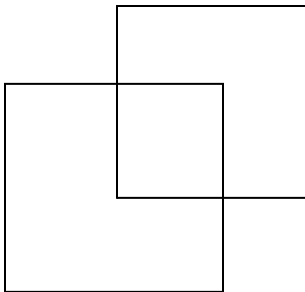   ii)   1.110

c) $17 \frac{2}{100}$ can be written as   i)   17.2
                                              ii)   17.02

d) $15 \frac{5}{10}$ can be written as   i)   15.5
                                               ii)   15.05

Teacher's Sign _____   Parents Sign_____

Topic: Tenths and Hundredths

Date : _____

Worksheet No : 2

Month: _____

Competency :   Understanding basic concepts

I   Write the following as decimals

a) $\dfrac{6}{100}$

d) $\dfrac{623}{1000}$

b) $\dfrac{3}{1000}$

e) $\dfrac{217}{1000}$

c) $\dfrac{14}{100}$

f) $\dfrac{345}{100}$

II   Write the following decimals as fractions:

a)   0.25

b)   2.65

c)   29.30

d)   210.145

e)   125.04

Teacher's Sign _____   Parents Sign_____

Topic: Tenths and Hundredths

Date :_____

Worksheet No : 3   Month: _____

Competency :   Ability to compute

I   Write these as decimals

a)   15m 35cm = _____   b)   50m 30cm = _____

c)   80 paise = _____   d)   45 ml = _____
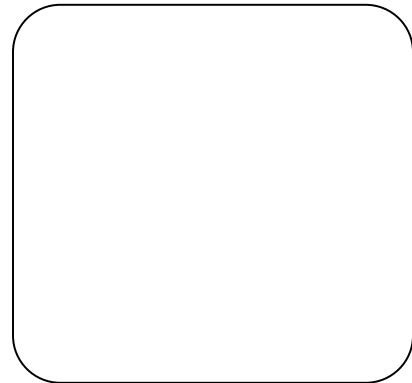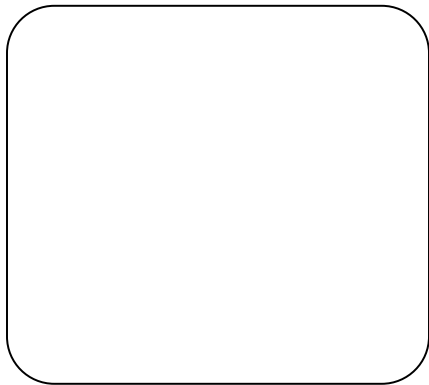
e)   5l 750ml = _____   f)   12kg 500g = _____

II   Solve the following

a)   5.245 + 10 + 315   b)   32.34 + 0.17 + 7.39
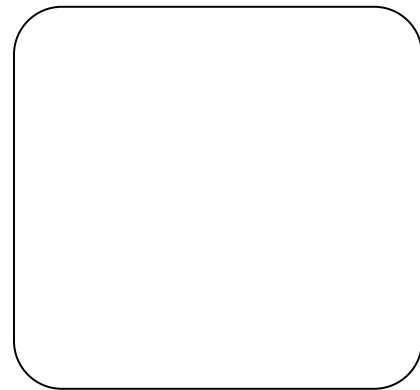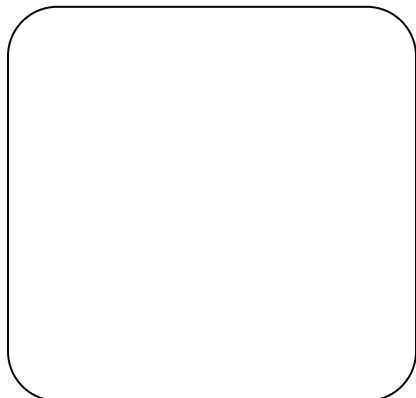
c)   348.60 – 78.05   d)   29.3 x 4.2

Teacher's Sign _____   Parents Sign_____

Topic: Tenths and Hundredths

Date :_____

Worksheet No : 4
Month: _____

Competency :   Problem Solving Ability

I   Shift the decimal appropriately

a)   3.742 x 10 = _____   b)   3.742 ÷ 10 = _____

c)   3.742 x 100 = _____   d)   3.742 ÷ 100 = _____

e)   3.742 x 1000 = _____   f)   3.742 ÷ 1000 = _____

II   Match these

Rupee	7 paise	Rs.0.98
Rupee	20 paise	Rs.0.25
Rupees	98paise	Rs.0.75
Rupee	25paise	Rs.0.10
Rupee	50paise	Rs.0.07
Rupee	10paise	Rs.0.20
Rupee	75paise	Rs.0.50

Teacher's Sign _____   Parents Sign_____
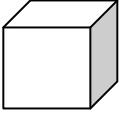
Topic: Area and Its Boundary

Date : _____

Worksheet No : 1   Month: _____

Competency :   Understanding basic concepts

Observe the following, name them and complete the table

Object	Name	No. of faces	No. of edges	No. of corners

Teacher's Sign_____   Parents Sign_____

Topic: Area and its Boundary
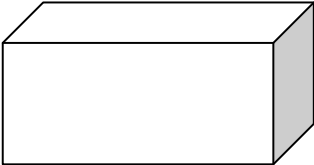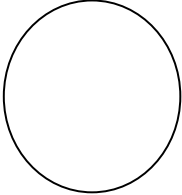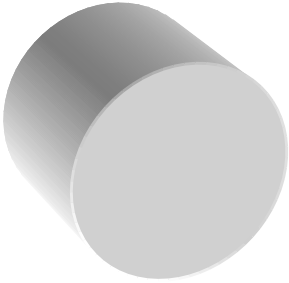
Date : _____

Worksheet No : 2   Month: _____

Competency :   Understanding basic concepts

I   Fill in the blanks

1.   The region enclosed between the boundaries of a figure is called its ………..

2.   Area of a rectangle = ……………….. x ……………………

3.   Area of a square = …………………..x ……………………..

4.   The sum total of the lengths of all the line segments of a simple closed figure

       is called its …………………

II   Measure the perimeter of these figures by counting the lines along the
       boundary. (Each square is 1 cm in length)

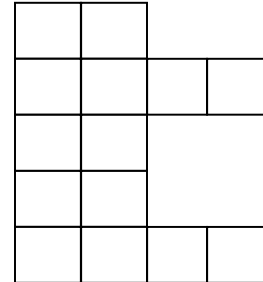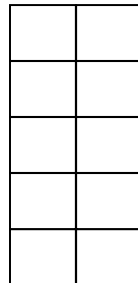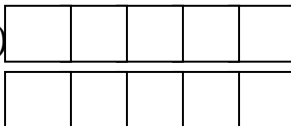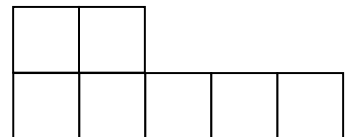a)   b)   c)

d)   f)

Teacher's Sign _____   Parents Sign_____

Topic: Area and Its Boundary

Date : _____

Worksheet No : 3

Month: _____
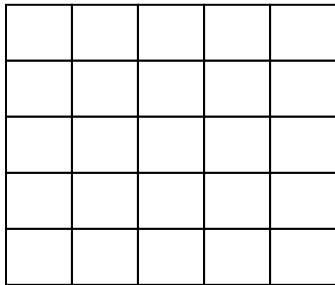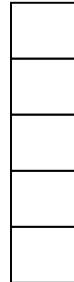
Competency :   Ability to Compute

I   Tick the right cloud

a)   The area of a square of side 12 cm will be

- 32 cm square
- 144 cm square
- 350 cm square
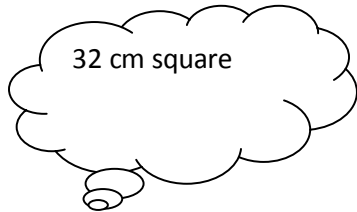
b)   A rectangular plot is 20cm by 15 cm its area will be

- 300 cm square
- 300 cm
- 300 m
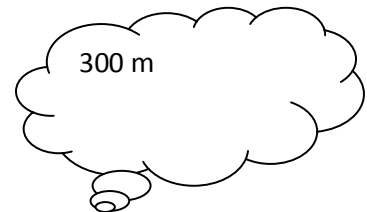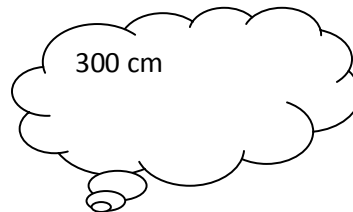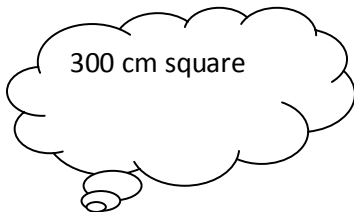
c)   The perimeter of a square whose sides are 6.4cm will be

- 25.6 cm
- 2.56cm
- 12.8cm
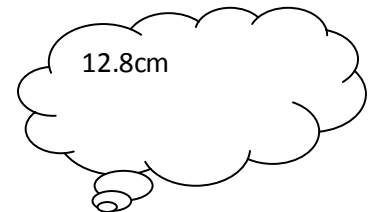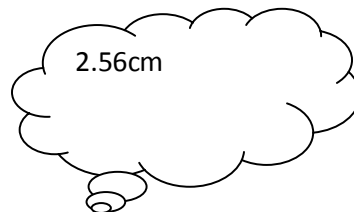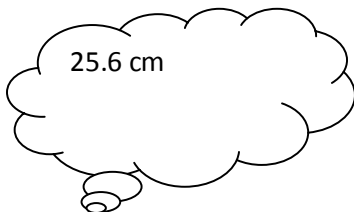
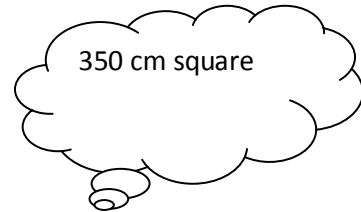d)   The perimeter of a square whose sides are 10.5cm will be

- 42 cm square
- 42 cm
- 4.2 cm square

Teacher's Sign _____   Parents Sign_____

Topic: Area and its Boundary

Date : _____

Worksheet No : 4

Month: _____
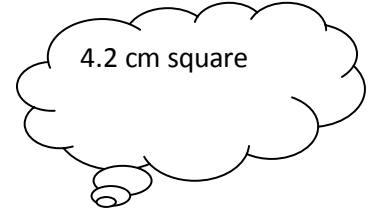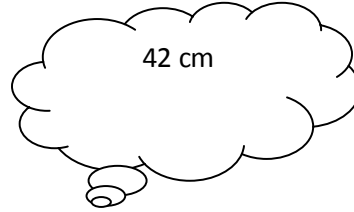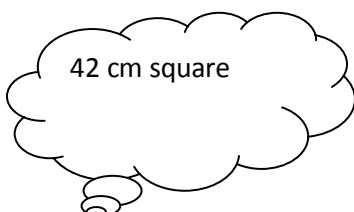
Competency :   Problem solving Ability

Solve

a)   i   Find the area of the floor of a room to carpet whose length is 12m and
            breadth is 9m

b)   Find the cost of fencing a Rectangular park of 120m length and 80m breadth
      at the rate of Rs.2 per metre .
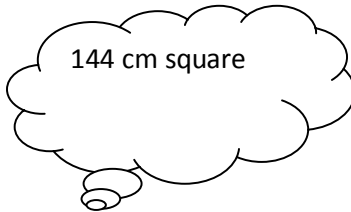
ii   What will be the cost of the carpet if sq. m costs Rs50?

Teacher's Sign _____   Parents Sign_____

Topic: Smart Charts
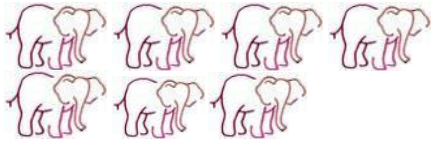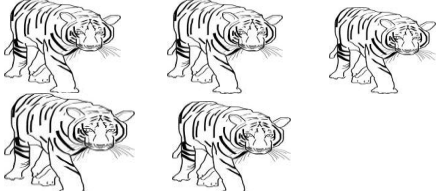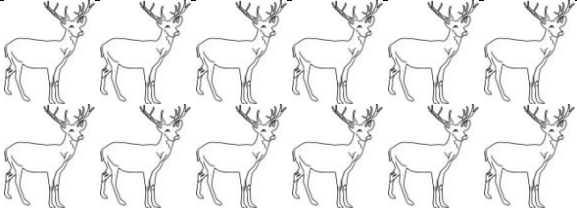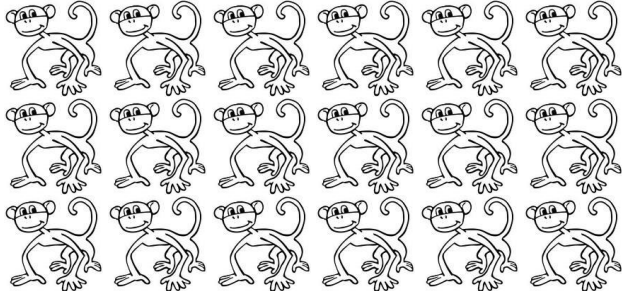
Date : _____

Worksheet No : 1   Month: _____

Competency :   Formation of Numbers

Ajay made a record of his favourite animals he saw in the zoo. Make a tally chart and answer the following questions

Animals	Tally marks	Numbers

a.   How many animals did Ajay see altogether? [   ]

b.   Which animal is least in number? [   ]

c.   Which animal is maximum in number? [   ]

Teacher's Sign _____   Parents Sign_____

Topic: Smart Charts

Worksheet No : 2

Date : _____

Month: _____

Competency : Understanding Basic Concepts:

In a class of 100 students data of fruits liked was collected as follows. Represent this using chapatti chart / pie chart

Pine apple – 20

orange – 15

Banana – 40

Apple - 25
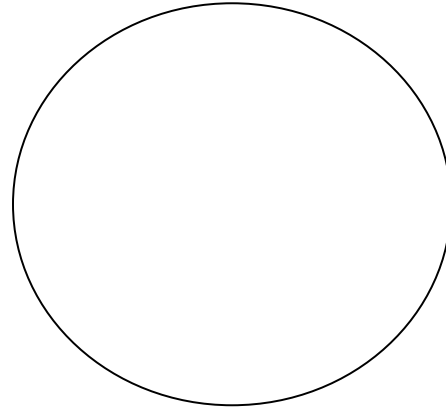
a.   Which is the most favourite fruit? _____

b.   Which is least favourite fruit? _____

c.   How many students like oranges? _____

d.   The difference between the number of students that like oranges and bananas is   _____

Look at the pie chart showing different sports liked by people

(a)   Which is the most popular sport _____

(b)   Which is the least popular sport _____

(c)   Do more children enjoy Hockey or tennis? _____

(d)   Arrange the sports liked by children in increasing order.
        _____
        _____

Teacher's Sign _____   Parents Sign_____

Topic: Smart Charts

Date : _____

Worksheet No : 3   Month: _____

Competency :   Ability To Compute:

I.   Read and write the number for the given tally marks.

a) |||| b) ||| c) |||| |||| | d) |||| |

II.   Draw tally marks for the following numbers

a) 9   b) 9

c) 23   d)   25

III   Given below is the representation of different vehicles in a town Study and answer the questions (1 = 10 vehicles)

No of vehicles in a town	
Motorbike	☆
Scooter	
Auto rickshaw	
Car	
Bus	

1. Which vehicle is maximum in town?

_____

2. Which vehicle is 50 in number?

_____

3. What is total number of vehicles in the town?

_____

Teacher's Sign _____   Parents Sign_____

Topic: Smart Charts

Date : _____

Worksheet No : 4   Month: _____

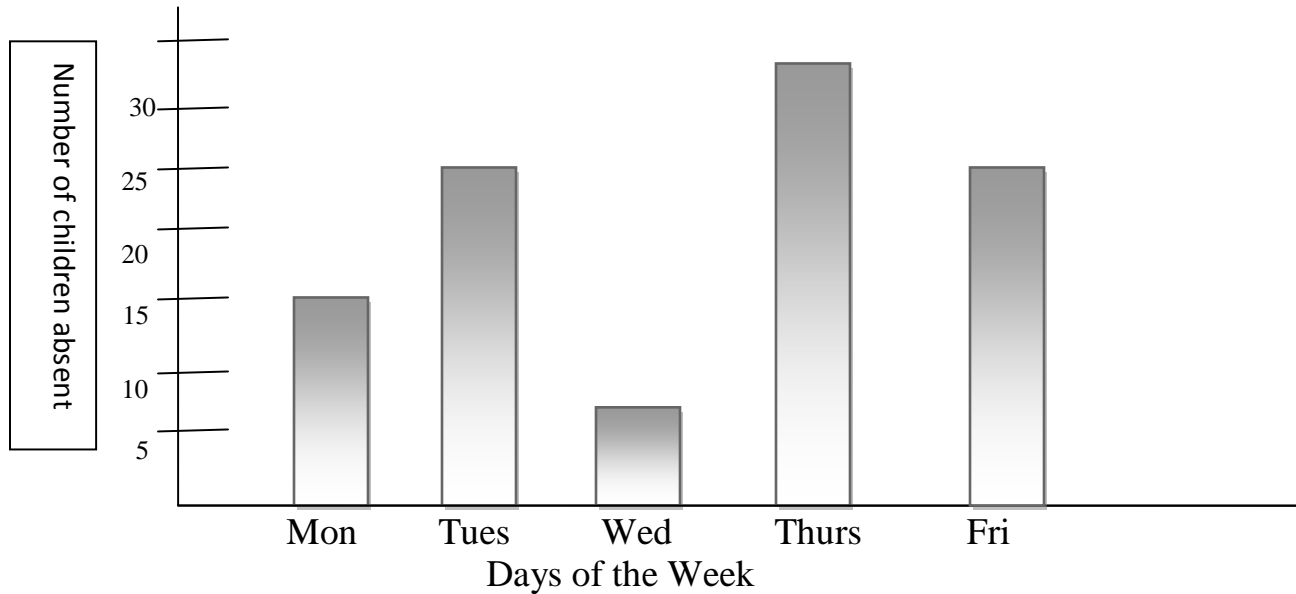Competency :   Problem Solving Ability

Observe the following bar chart and answer the questions

Number of children absent (y-axis)

30
25
20
15
10
5

Mon   Tues   Wed   Thurs   Fri

Days of the Week

(a)   How many children were absent on Tuesday?

_____

(b)   How many more children were absent on Thursday than on Monday?

_____

(c)   On which day were the least children absent?

_____

(d)   On which day the number of children absent was exactly the half of that on Thursday?

_____

Teacher's Sign _____   Parents Sign_____

Topic: Ways to Multiply and Divide
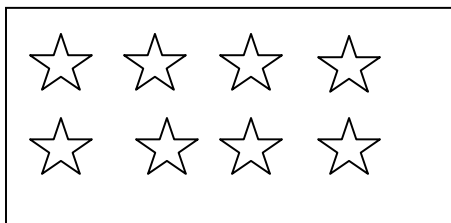
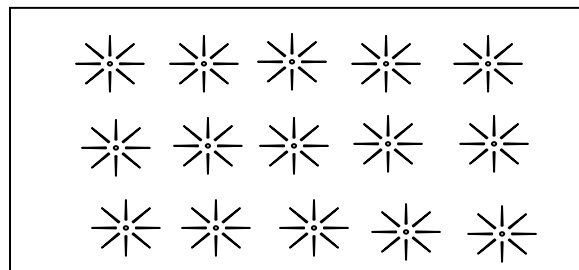Worksheet No : 1   Date : _____

Month: _____

Competency :   Formation of Numbers

I   Observe the following and write the corresponding multiplication facts

a) $2 + 2 + 2 + 2 + 2 + 2 + 2 =$

b) $10 + 10 + 10 + 10 + 10 + 10 =$

c) $15 + 15 + 15 =$

d) $20 + 20 + 20 + 20 + 20 =$

e) $100 + 100 + 100 + 100 + 100 + 100 =$

f) $500 + 500 + 500 =$

Teacher's Sign _____   Parents Sign_____

Topic: Ways to Multiply and Divide

Worksheet No : 2   Date : _____

Month: _____

Competency :   Understanding Basic concepts

I   Match the columns

Column A	Column B
5 x 7 x 8	1 x 9 x 5
2 x 3 x 4	6 x 7 x 4
1 x 9 x 5	5 x 3 x 2
6 x 7 x 4	5 x 7 x 8
5 x 3 x 2	2 x 3 x 4

Solve Mentally

a)   25 x _____   = 36 x 25

b)   676 x 0 = _____ x _____

c)   4823 x 1 = _____ x _____

d)   14 x 28 x 37 = 37 x _____ x 14

e)   71 x 46 x 19 = 46 x 71 x _____

f)   7235 x _____ = 0 x _____

g)   450 x 124 = 124 x _____

h)   97   x _____ = 400 x 97

i)   200 x 5 x 25 = 5 x _____ x _____

Teacher's Sign _____   Parents Sign_____

Topic: Ways to Multiply and Divide

Worksheet No : 3   Date : _____

Month: _____

Competency :   Ability to compute

Multiply

a)   39 x 2   39 x 20   39 x 200

b)   97 x 7   97 x 70   97 x 700

II   Divide and find the quotient

(a)   20 ÷ 10 =   (f)   434 ÷ 2 =

(b)   70 ÷ 10 =   (g)   999 ÷ 9 =

(c)   760 ÷ 2 =   (h)   420 ÷ 4 =

(d)   540 ÷ 40 =   (i)   280 ÷ 7 =

(d)   539 ÷ 3 =   (j)   624 ÷ 4 =

(e)   7000 ÷ 7 =   (k)   1000 ÷ 4 =

Teacher's Sign _____   Parents Sign_____

Topic: Ways to Multiply and Divide
Worksheet No : 4   Date : _____

Month: _____

Competency :   Problem Solving Ability
Solve
a)   The product of two numbers is 459. If one number is 9 find the other.

b)   A car runs 4km in a litre of petrol. How much petrol will it require to run 80636 kms?

c)   There are 31 days in the month of October. How many minutes are there in the month of October?

d)   The price of 12 packets of toffees is Rs.144. Find the cost of 24 such packets of toffees.

Teacher's Sign _____   Parents Sign_____

Topic: How Heavy How Light?
Worksheet No : 1

Date : _____
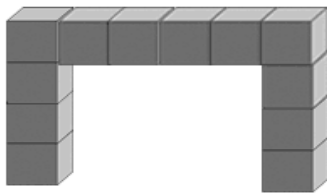
Month: _____

Competency :   Formation of Numbers

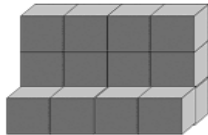The shapes below are made from centimeter cubes. Work out the volume of each one
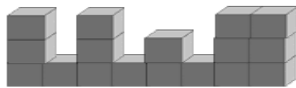
Volume = _____cm cubes

Volume = _____cm cubes

Volume = _____cm cubes

Volume = _____cm cubes

Volume = _____cm cubes

Teacher's Sign _____   Parents Sign_____

Topic: How Heavy How Light?
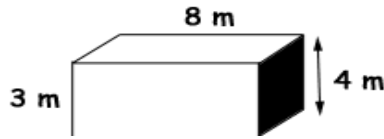
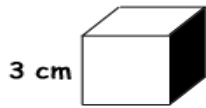Worksheet No : 2   Date : _____

                                    Month: _____
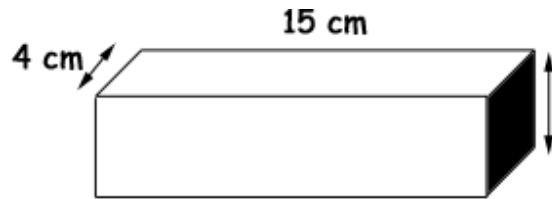
Competency :   Understanding Basic Concepts

Work out the volume of each shape below being careful to use the correct units:

8 m

4 m

3 m

Volume = _____ cm cubes

3 cm

Volume = _____ cm cubes

15 cm

4 cm

8cm

Volume = _____ cm cubes

6 cm

Volume = _____ cm cubes

Teacher's Sign _____   Parents Sign_____

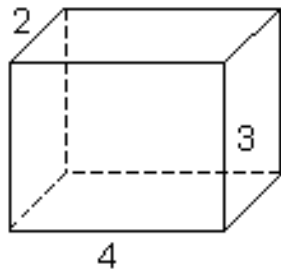# Topic: How Heavy How Light?
Worksheet No : 3

Date : _____
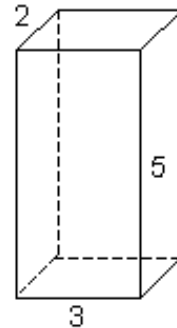Month: _____

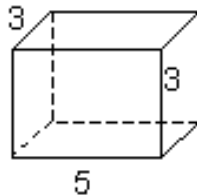Competency :   Ability to Compute

Calculate the volumes for each of the objects below.
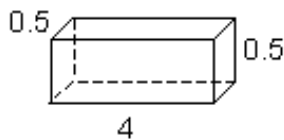(the measurements are all in centimeters (cm)
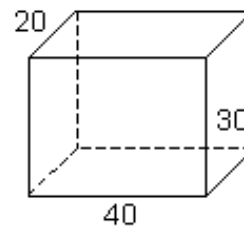
volume = cm^3

volume =   cm^3

volume = _____cm^3

volume = _____cm^3

volume =_____ cm^3

volume =_____ cm^3

Teacher's Sign _____   Parents Sign_____

Topic: How Heavy How Light?
Worksheet No : 4   Date : _____

Month: _____

Competency :   Problem Solving Ability

Solve these
1.   A storage container is 60cm long, 25cm wide and 15cm deep. What is its volume in cubic cms?

Volume = _____cm cubes

2.   Bindu is going to order some ready – mix concrete for an area 6m long and 5m wide, which needs be laid to a depth of 10cm. How many cubic metres of concrete will she need?

Volume = _____cm cubes

3.   How many litres of water are needed to fill the paddling pool to a depth of 30cm?
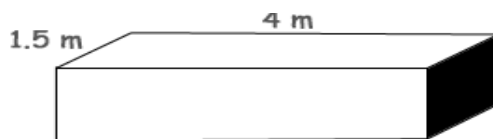
Volume = _____cm cubes

4.   Sonia has a rectangular pool in her garden which is 4m by 2m. She has cleaned it out and wants to refill it with water to a depth of 25cm. How many litres of water does she need?

Volume = _____cmcubes

Teacher's Sign _____   Parents Sign_____