VIKRAM

B

Vikram

Class-2

Magical Math

Question Papers
with Lesson Plan

Formative Assessments : I, II, III & IV
Summative Assessments : I, II & III

Total Pages : 24 Rs. 2/-

Note : These Question Papers are meant for students, using Formative Assessment Exam papers are as complement for schools. The price of Rs. 2/- against Summative Assessment Exam papers also charged nominally towards transportation and handling charges only and to avoid misusage / wastage.

Total : 1 Set **No. of Student : 1**

LESSON PLAN

CLASS - 2   :   Magical Math

	Months	*Magical Math* Chapters
FA - I	June-July	Chapters : 1 - 3
FA - II	August	Chapters : 4 - 6
SA - I	September	Chapters : 1 - 7
FA - III	Oct-Nov	Chapters : 8, 9
SA - II	December	Chapters : 1 - 10
FA - IV	Jan-Feb.	Chapters : 11, 12
	March	Revision
SA - III	April	Chapters : 1 - 13

Syllabus :

Text Book
1 to 3 lessons

FORMATIVE ASSESSMENT-I
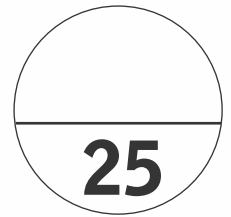
Magical Math : Class - 2

[Time : 1 hour]   [Max. Marks:25]

25

Name :   Class :   Section :   Roll No. :

A. Add the following mentally.   **5 x 1 = 5M.**

1) 66 + 2 = ...   2) 5 + 44   = ...

3) 81 + 7 = ...   4) 9 + 30   = ...

5) 94 + 5 = ...

B. Spot and fill in the missing pattern.   **3 x 1 = 3M.**

1) 32, 34, 36, ..., ..., ..., 44, 46.

2) 71, 61, 51, ..., ..., ..., 11, 1

3) 26, 32, 38, ..., ..., ..., 62, 68.

C. Write the number names for the following.   **2 x 2 = 4M.**

1) 189 ....

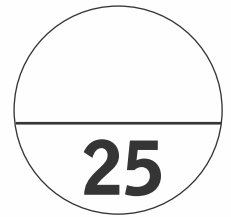2) 763 ....

D. Write in descending order.

(from largest number to smallest number.)   **2 x 1 = 2M.**

1) 404, 306, 701, 805, 900, 220

....

2) 990, 989, 918, 993, 959, 929

....

E. Write in ascending order. (from smallest number to greatest number.) 2 x 1 = 2M.

1) 440, 206, 750, 802, 623, 311

....

2) 351, 318, 397, 379, 315, 381

....

F. Write the following numbers in expanded form. 3 x 1 = 3M.

Numbers	Hundreds	Tens	Ones
616			
330			
888			

G. Write < or > to compare to numbers. 2 x 1 = 2M.

1) 199 99

2) 780 270

H. Circle the smallest number and the greatest number in the following groups. 2 x 2 = 4M.
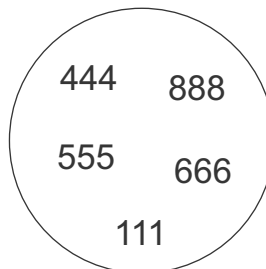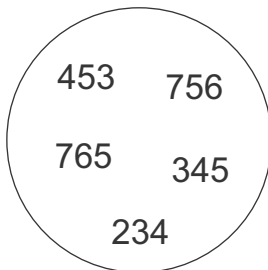
453   756
765   345
234

444   888
555   666
111

✿ ✿ ✿

Syllabus :

Text Book
4 to 6 lessons

FORMATIVE ASSESSMENT-II

Magical Math : Class - 2

[Time : 1 hour]   [Max. Marks:25]

25

Name :   Class :   Section :   Roll No. :

A. Find the difference   **4 x 1 = 4M.**

1) T O	2) T O	3) T O	4) T O
5 9	6 8	6 4	9 6
− 2 7	− 3 7	− 2 0	− 4 2
_____	_____	_____	_____

B. Word Problems.   **3 x 2 = 6M.**

1) Meena has a collection of 54 coins. She gave 15 of them to her younger brother. How many coins are left with Meena ?

2) How many tyres will 9 cars have ?

3) There are 39 rose bushes in the garden 25 more were planted. How many rose bushes are there in all ?

C. Find the sum.   **2 x 1 = 2M.**

1) T   O   2) T   O
    8   4   6   6
  + 1   8   + 2   6
  ─────────   ─────────

  ─────────   ─────────

D. Find the product.   **2 x 1 = 2M.**

1) 1   4   2) 2   1
       x 2   x 3
    ─────────   ─────────

    ─────────   ─────────

E. Fill in the blanks.   **2 x 2 = 4M.**

1) 3 x 4 = ... x .... = ...

   2 x .... = ... x 5 = ...

2) .... x 4 = 7 x .... x ....

   .... x 9 = ... x 5 = 45

F. Write two subtraction facts for each of the given addition facts.

3 x 1 = 3M.

1) 37 + 13 = ... ☐ – ☐ = ☐   ☐ – ☐ = ☐

2) 78 + 22 = ... ☐ – ☐ = ☐   ☐ – ☐ = ☐

3) 16 + 44 = ... ☐ – ☐ = ☐   ☐ – ☐ = ☐

G. Subtract using the abacus.   **2 x 2 = 4M.**
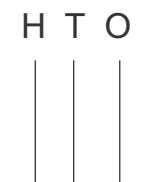
1) H   T   O   H T O   2) H   T   O   H T O
    6   5   9   7   8   7
  – 3   3   0   – 7   7   5
  ─────────────   ─────────────

  ─────────────   ─────────────

Syllabus :
Text Book
8, 9 lessons

FORMATIVE ASSESSMENT-III
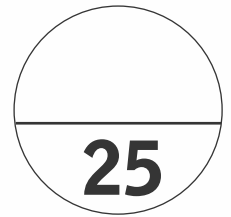## Magical Math : Class - 2

[Time : 1 hour]   [Max. Marks:25]

25

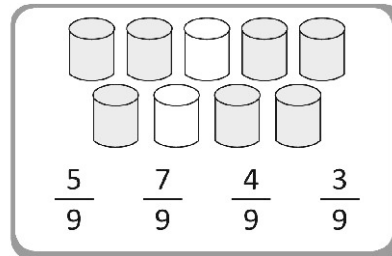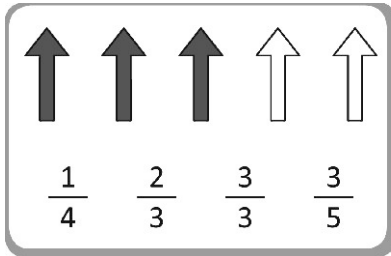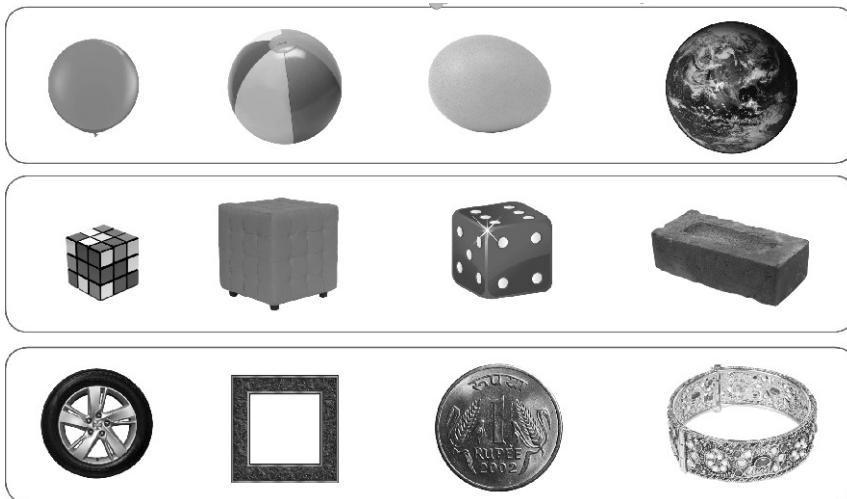Name :   Class :   Section :   Roll No. :

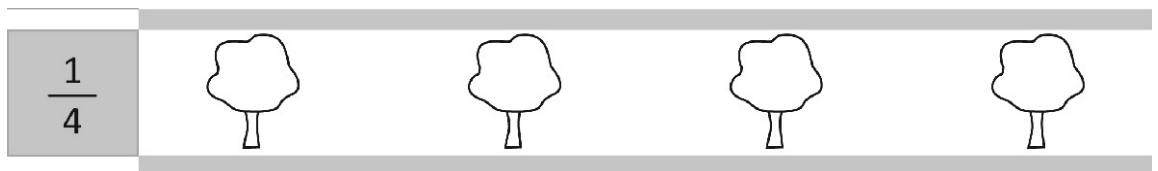**A. Colour the fractions given.**   **3 x 2 = 6M.**

$\dfrac{1}{4}$ $\dfrac{2}{3}$ $\dfrac{3}{3}$ $\dfrac{3}{5}$

$\dfrac{5}{9}$ $\dfrac{7}{9}$ $\dfrac{4}{9}$ $\dfrac{3}{9}$
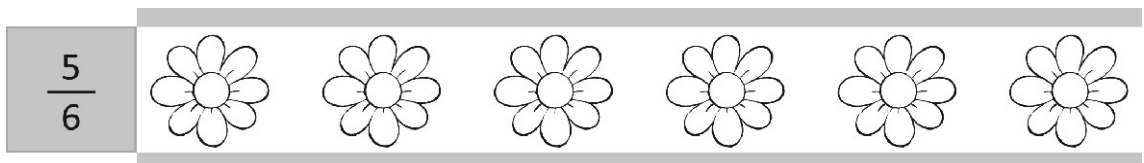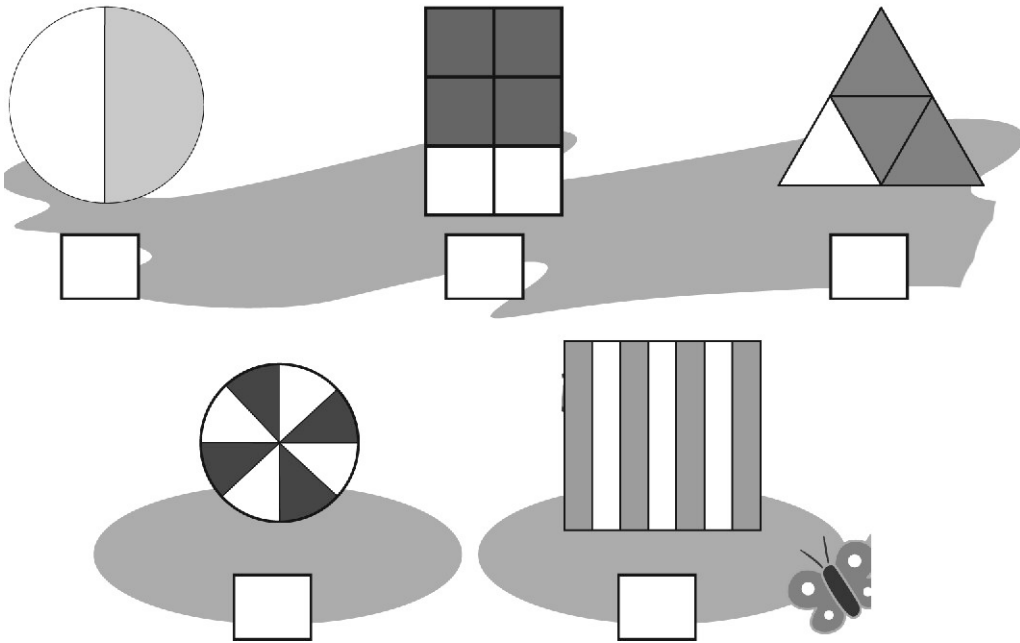
B. Circle the odd shape.

2 x 2 = 4M.

C. Circle the correct fraction which represents the coloured shapes.

2 x 2 = 4M

$\dfrac{5}{6}$

$\dfrac{1}{4}$

D. Write the fraction for the shaded portions.   **5 x 1 = 5M.**

E. Identify the shapes and write down the number of faces, edges and vertices each has.   **3 x 2 = 6M.**

Shapes	Names	faces	Vertices	Edges

❋ ❋ ❋

Syllabus :

Text Book
11,12 lessons

FORMATIVE ASSESSMENT-IV
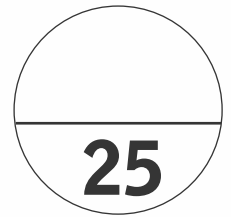## Magical Math : Class - 2

[Time : 1 hour]   [Max. Marks:25]

25

Name :   Class :   Section :   Roll No. :

A. Word Problems.   **2 x 2 = 4M.**

1) Rahul bought sugar for ₹ 20 and eggs for ₹ 15. How much did he pay the shopkeeper ?

2) Jena had ₹ 25. He spent ₹ 10 to buy a notebook and ₹ 3 to buy a pencil. How much money is left with him ?

B. Look at the calendar month and answer the questions given below.

5 x 1 = 5M.

Sun	Mon	Tue	Wed	Thurs	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	

a) This month represents ....

(February / May / September)

b) Numbers of weekends in the month are ....

c) The second Saturday of the month falls on ....

d) Rahul's birthday is on the 21st. Which weekday does it fall on ?

....

e) How many days will your school work in the month ? ....

C. Circle the notes and coins to makeup the correct amount of money.

2 x 2 = 4M.

Lay's Classic Classique	₹ 10	(coins: ₹5, ₹5, ₹2, ₹2, ₹1, ₹1)
Crayola Crayons	₹ 55	(notes: ₹50, ₹50, ₹20 and coins: ₹2, ₹2, ₹1, ₹1)

D. Add and write.   **2 x 2 = 4M.**

₹50 note, ₹10 note, ₹2 coin, ₹2 coin	
₹50 note, ₹20 note, ₹20 note, ₹10 note, ₹1 coin	

E. Draw the minute and hours hands on the given clock faces.

2 x 2 = 4M.

9'o clock   6'o clock

F. Write the time in each of the clocks given below in two ways.

2 x 2 = 4M.
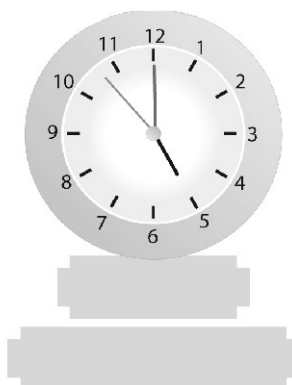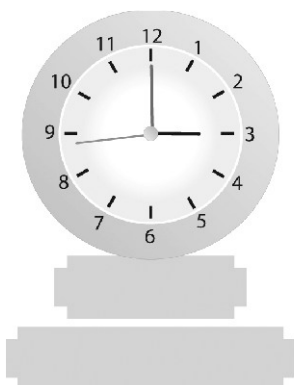
❅ ❅ ❅

Syllabus :

Text Book
1 to 7 lessons

SUMMATIVE ASSESSMENT-I

Magical Math : Class - 2

[Time : 2 ½ hours]   [Max. Marks:50]

50

Name :   Class :   Section :   Roll No. :

A. Count and write the numbers of objects in words.   5 x 2 = 10M.

1) Nina has 78 books. Her father bought her 26 more books. How many books does Nina have in all ?

2) There were 92 eggs in a basket. 17 of them turned out to be rotten. How many 'good' eggs are there in the basket ?

3) There are 35 gold fishes and 42 angel fishes in a pond. How many fishes are there in the pond ?

4) There are 59 apples on a tree. Rita plucked 35 apples to make jam. How many apples are left on the tree ?

5) There are 4 keys in a bunch. How many keys will there be in all in 7 bunches ?

B. Write in ascending order (from smallest number to largest number).

$2 \times 1 = 2M.$

1) 351, 318, 381, 379, 397, 315

....

2) 105, 450, 509, 501, 550, 505

....

**C. Write in descending order
(from largest number to smallest number).** $2 \times 1 = 2M.$

1) 665, 545, 975, 415, 755, 855

....

2) 821, 533, 412, 318, 242, 671

....

D. Circle the smallest number and the greatest number. $2 \times 2 = 4M.$

453   756
765   345
234

963   772
764   859
858   908
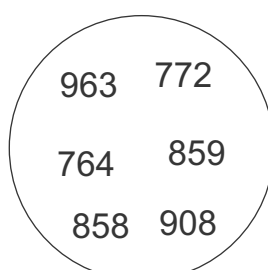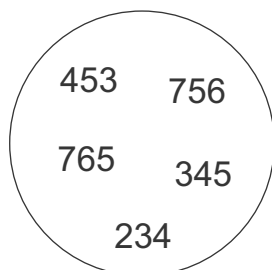
E. Fill in the missing pattern. $2 \times 2 = 4M.$

1. 78, 73, 68, ..., ..., ..., 48, 43.

2. 99, 98, 97, ..., ..., ..., 93, 92.

F. Write the numbers for the following number names. $2 \times 1 = 2M.$

1. Two hundred and twety-two   ....

2. One hundred and eleven   ....

G. Solve the following.   **4 x 2 = 8M.**

   i) Find the sum of the following three digit numbers using an abacus.

```
 H  T  O          H  T  O
 2  0  7           |  |  |
+4  4  2           |  |  |
_____           |  |  |
_____
```

   ii) Subtract using the abacus.

```
 H  T  O          H  T  O
 7  5  9           |  |  |
-1  0  7           |  |  |
_____           |  |  |
_____
```

   iii) Find the product.

```
 3  3              4  0
x  3             x  2
_____           _____
_____           _____
```

   iv) Show the following divisions on the number line. Also fill in the table given below.

| 18 ÷ 2 | Dividend | | Divisor | | Quotient | |

H. Write the number names for the following.   **2 x 2 = 4M.**

   1. 505 ....

   2. 999 ....

I. Write 'C' for commutative property and 'A' for associative property from the choices given below.   **4 x 1 = 4M.**

1) $6 + 3 + 1 = 1 + 3 + 6$ ☐

2) $45 + 0 = 25 + 20$ ☐

3) $25 + (6 + 4) = 6 + (4 + 25)$ ☐

4) $(4 + 2) + 5 = (5 + 2) + 4$ ☐

J. Make number pattern.   **2 x 2 = 4M.**

1. Starting from 25 skip by 5.

    25, 30, ..., ..., ..., ..., ..., ...

2. Starting from 32 skip by 10.

    32, 42, ..., ..., ..., ..., ..., ...

K. What comes before and after ?   **3 x 2 = 6M.**

Before Number name	Before Number	Numbers	After Number	After Number name
		775		
		678		
		999		

❄ ❄ ❄

SUMMATIVE ASSESSMENT-II
Magical Math : Class - 2

50

[Time : 2 ½ hours]   [Max. Marks:50]

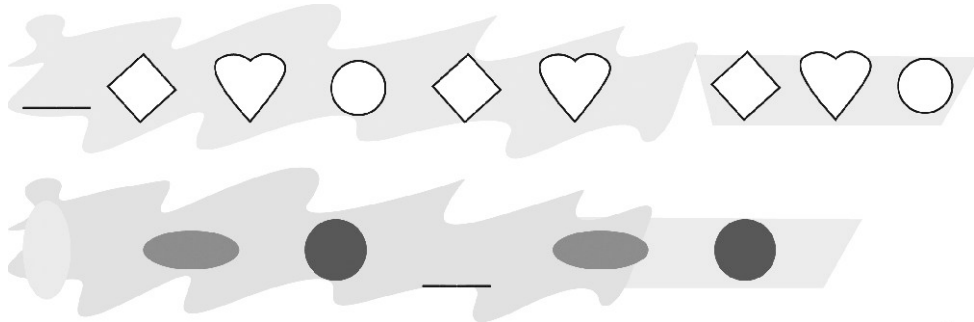Name :   Class :   Section :   Roll No. :

A.   Add an object to complete the pattern.   2 x 2 = 4M.

B. Write the following numbers in expanded form.   5 x 1 = 5M.

Number	Hundreds	Tens	Ones
599			
330			
456			
736			
616			

C. Write the division statement for the following.   2 x 2 = 4M.

$$\square \div \square = \square$$

$$\square \div \square = \square$$

D. **Circle the correct fraction which represents the coloured shapes.**

2 x 2 = 4M.

$\dfrac{4}{8}$ $\dfrac{2}{7}$ $\dfrac{5}{8}$ $\dfrac{4}{7}$

$\dfrac{5}{7}$ $\dfrac{2}{7}$ $\dfrac{6}{7}$ $\dfrac{3}{7}$
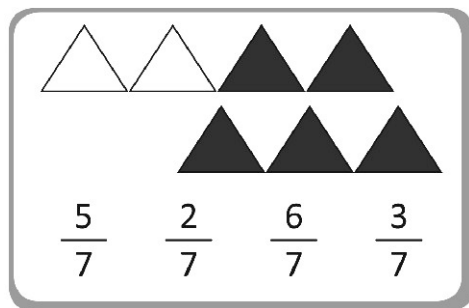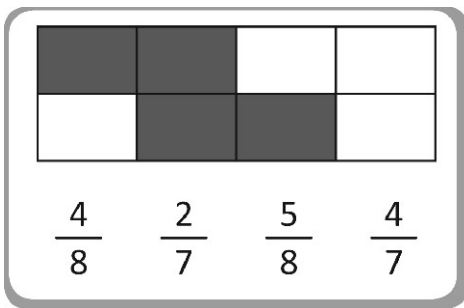
E. **Circle the options to make the measurement of given capacity.**

3 x 2 = 6M.

1. 750 ml :   10ml, 20ml, 30ml, 50ml, 100ml, 200 ml, 500ml

2. 330 ml :   1l,   500ml, 200ml, 100ml, 50 ml, 20ml, 10ml

3. 1 litre   :   500ml, 200ml, 20ml, 200ml, 100ml, 100 ml,

F. **Fill in the missing numbers in the following grids.**   **5M.**

201									
					216				
								229	
		233							
				245					
						257			
									270
			274						
	282								
							298		

G. **Write the lengths shown on the scales.**   **1 x 3 = 3M.**

0 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

_____ cm
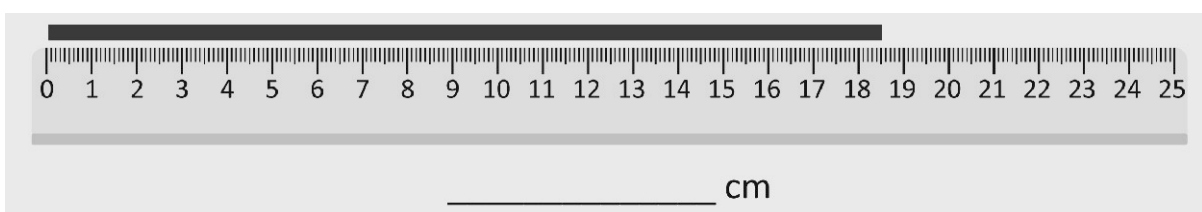
H. Word Problems.   **5 x 2 = 10M.**
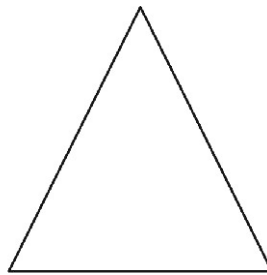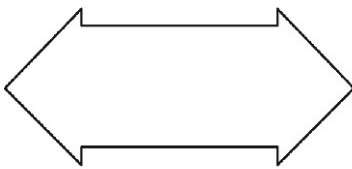
1. Sonu had 53 pencils with her. Ramesh gave her another 64. How many pencils does Sonu have now ?

2. A necklace is made of 97 pink and blue beads. There are 46 pink beads. How many blue beads are there ?

3. There are 39 rose bushes in the garden. 25 more were planted. How many rose bushes are there in all ?

4. Akshara lighted 62 candles. 49 of them have burnt down completely. How many candles are still left burning ?

5. Two fifty paise are there in Re. 1. How many fifty paise will make up Rs. 10 ?

I. How many sleeping lines. standing lines and slanting lines are there in the following picture ?   5M.
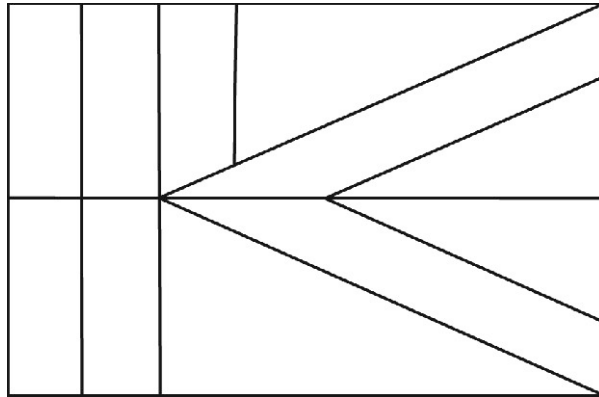
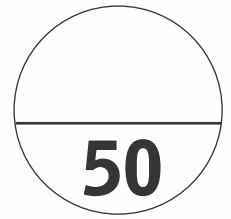J. Divide the following shapes into half and colour one part.

2 x 2 = 4M.

❉ ❉ ❉

Syllabus :

Text Book
1 to 13 lessons

SUMMATIVE ASSESSMENT-III

Magical Math : Class - 2

[Time : 2 ½ hours]   [Max. Marks:50]

50

Name :   Class :   Section :   Roll No. :

A. Make number pattern.   **2 x 1 = 2M.**

1) Starting from 25 skip by 5.

   25, 30, ..., ..., ..., ..., ..., ...,

2) Starting from 5 skip by 4.

   5, 9, ..., ..., ..., ..., ..., ...,

B. Write the number names for the following.   **3 x 1 = 3M.**

1) 505 ....

2) 763 ....

3) 1000 ....

C. Write the numbers for the following number names.   **4 x ½ = 2M.**

1) Nine hundred and ninety ....

2) Six hundred and forty six ....

3) Eight hundred and seventy five ....

4) Five hundred and fifty ....

D. Fill in the missing pattern.   **3 x 1 = 3M.**

1) 32, 34, 36, ..., ..., ..., 44, 46

2) 71, 61, 51, ..., ..., ..., 11, 1

3) 26, 32, 38, ..., ..., ..., 62, 68

E. Fill in the missing numbers in the following grids.　　　　　　**5M.**

401									
									500

F. Find the sum of the following three digit numbers using an abacus.

2 x 1 = 2M.
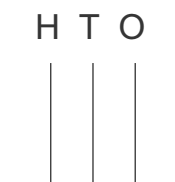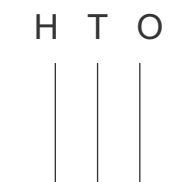
1)　H　T　O　　　　H　T　O
　　　8　0　0
　　+　1　9　9

2)　H　T　O　　　　H　T　O
　　　5　6　4
　　+　4　3　5

ii) Subtract using the abacus.　　　　　　**2 x 1 = 2M.**

1)　H　T　O　　　　H　T　O
　　　9　8　9
　　−　5　4　3

2)　H　T　O　　　H　T　O
　　　7　4　1
　　−　3　4　0
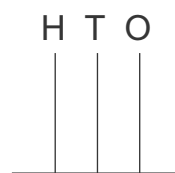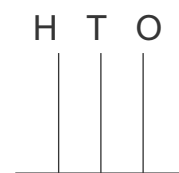
iii) Find the product.　　　　　　**2 x 1 = 2M.**

1)　2　1
　　　x　3
　　————
　　————

2)　3　4
　　　x　2
　　————
　　————

iv) Division.   2 x 1 = 2M.

   1) 26 ÷ 2   2) 30 ÷ 3

G. Colour the fractions given.   2 x 2 = 4M.

1. $\dfrac{4}{7}$

2. $\dfrac{6}{8}$

H. What comes before and after ?   4 x 1 = 4M.

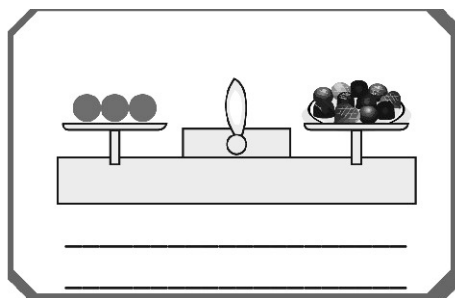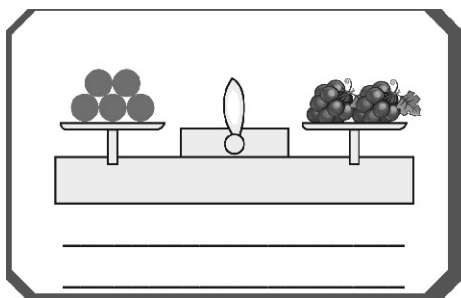| Before Number name	Before Number	Number	After Number	After Number name
		491		
		445		
		629		
		900		

I. Circle the odd shape.   2 x 1 = 2M.
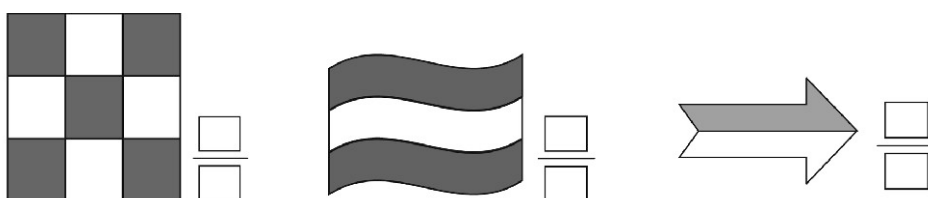
J. Each ● stands for 100gm. Find the mass of the following.

<div align="right">**2 x 2 = 4M.**</div>

K. Fill in the missing fractions after looking at the shapes. 3 x 1 = 3M.

L. Word Problems.

<div align="right">**5 x 2 = 10M.**</div>

1) Reena went to the shop to buy potatoes. The cost of 1 kilogram of potatoes is ₹ 20. How much did Reena have to pay for 3 kilograms of potatoes ?

2) Akshara lighted 62 candles. 49 of them have burnt down completely. How many candles are still left burning ?

3) There are five flowers on one branch. How many flowers will there be in all on 4 branches ?

4) There are 4 keys in a bunch. How many keys wil lthere be in all 7 bunches ?

5) Rahul bought sugar for ₹ 20 and eggs for ₹ 15. How much did he pay for the shopkeeper ?

❄ ❄ ❄

Notes

Notes