

Class-3**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 misuseage / wastage.

Total : 1 Set

No. of Student : 1

LESSON PLAN

CLASS - 3 : Magical Math

	Months	<i>Magical Math</i> Chapters
FA - I	June-July	Chapters : 1, 2
FA - II	August	Chapters : 3, 4
SA - I	September	Chapters : 1 - 5
FA - III	Oct-Nov	Chapters : 6 - 8
SA - II	December	Chapters : 1 - 9
FA - IV	Jan-Feb.	Chapters : 10 - 12
	March	Revision
SA - III	April	Chapters : 1 - 13

Syllabus :

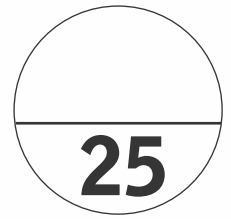
FORMATIVE ASSESSMENT-I

Text Book
1, 2 lessons

Magical Math : Class - 3

[Time : 1 hour]

[Max. Marks:25]



Name :

Class :

Section :

Roll No. :

A. Write the number names for the following.

3 x 1 = 3M.

1) 2873

2) 3972

3) 5910

B. Write the numbers for the following number names.

3 x 1 = 3M.

1) One Thousand and two

2) Nine thousand twenty-two

3) Three thousand two hundred ninety one

C. Arrange the following numbers in ascending order.

3 x 1 = 3M.

1) 9873, 9738, 9837, 8973

2) 1098, 3765, 9837, 8937

3) 2552, 2255, 5252, 5225

D. Write the five preceding numbers.

3 x 1 = 3M.

1) 7624

2) 8660

3) 4250

E. Compare the given numbers and fill in the correct sign $<$, $>$ or $=$.

3 x 1 = 3M.

1) 9843 9201

2) 7830 7038

3) 2397 4867

F. Complete the following patterns.

3 x 1 = 3M.

1) 995, 850, 990, 855,,,,

2) 5, 10, 10, 15, 20, 20, 25, 30,,,,

3) 2, 3, 4, 6, 6, 9,,,,

G. Write the place and face value of the digit six in the given number.

2 x 1 = 2M.

1) 7536

2) 6062

H. Write the next ten numbers.

2 x 1 = 2M.

1) 2001

2) 5129

I. Recognise the rule of the following number patterns and complete the patterns.

3x 1 = 3M.

1)

1	2	4
7	11	16
22	29	

2)

7	77	777
8	88	
9		

3)

111	222	333



Syllabus :

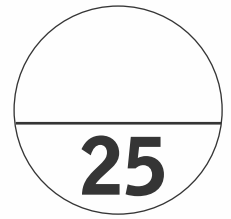
FORMATIVE ASSESSMENT-II

Text Book
3, 4 lessons

Magical Math : Class - 3

[Time : 1 hour]

[Max. Marks:25]



Name :

Class :

Section :

Roll No. :

A. Write in column form and add.

2 x 2 = 4M.

1) $93 + 515 + 28$

H T O

+		
+		

2) $952 + 18 + 65$

H T O

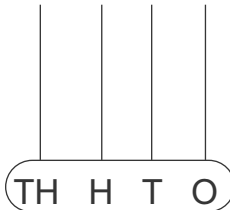
+		
+		

B. Add without regrouping using an abacus.

2 x 2 = 4M.

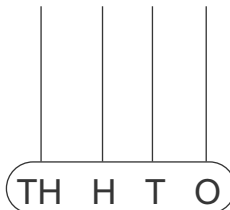
1) $2430 + 7269$

TH	H	T	O



2) $4053 + 5924$

TH	H	T	O



C. Write the Indo-Arabic Numerals for the following Roman Numerals.

4 x 1 = 4M.

1) XII

2) XIX

3) IX

4) XVII

Syllabus :

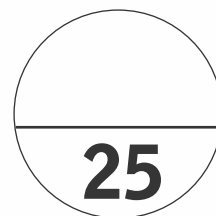
FORMATIVE ASSESSMENT-III

Text Book
6 to 8 lessons

Magical Math : Class - 3

[Time : 1 hour]

[Max. Marks:25]



Name :

Class :

Section :

Roll No. :

A. Add to following fractions.

2 x 1 = 2M.

1) $\frac{7}{11} + \frac{2}{11} =$ 2) $\frac{3}{9} + \frac{2}{9} =$

B. Find the difference between the following fractions.

2 x 1 = 2M.

1) $\frac{7}{12} - \frac{2}{12} =$ 2) $\frac{6}{7} - \frac{2}{7} =$

C. Write in column form and multiply.

2 x 2 = 4M.

1) 124×8

2) 28×5

D. Divide the following using long division method.

2 x 2 = 4M.

1) $7821 \div 9$

2) $2355 \div 5$

E. Fill in the blanks.

3 x 1 = 3M.

1) $145 \times 20 =$

2) $39 \div 3 =$

3) $\frac{1}{2}$ of 34 =

F. Write the next five equivalent fractions.

2 x 2 = 4M.

1) $\frac{1}{3}$

2) $\frac{1}{9}$

G. Circle the proper fraction in each group.

2 x 1 = 2M.

1) $\frac{13}{15}$, $\frac{15}{19}$, $\frac{19}{21}$, $\frac{21}{19}$

2) $\frac{6}{11}$, $\frac{12}{7}$, $\frac{3}{5}$, $\frac{14}{9}$

H. Word Problems.

2 x 2 = 4M.

1) 2096 apple trees are to be planted in rows. 8 saplings are to be planted in each row. How many rows will there be ?

2) It is Rita's birthday. She gave each child in her class 3 chocolates. There are 38 children in her class. How many chocolates did she distribute in the class ?



Syllabus :

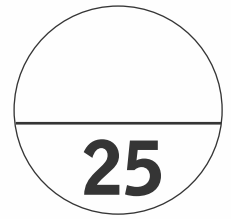
FORMATIVE ASSESSMENT-IV

Text Book
10 to 12 lessons

Magical Math : Class - 3

[Time : 1 hour]

[Max. Marks:25]



Name :

Class :

Section :

Roll No. :

A. Convert the following rupees.

3 x 1 = 3M.

- 1) 6025 paise
- 2) 6000 paise
- 3) 700 paise

B. Convert.

2 x 2 = 4M.

- 1) 36 minutes 22 seconds into seconds.
- 2) 18 hours 28 minutes into minutes.

C. i) Arrange in columns and add.

2 x 2 = 4M.

- 1) 85kg 23g; 52kg 6g; 9kg 34g

ii) Arrange in columns and subtract.

- 1) 65m from 82m 39cm.

D. i) Multiply

₹ 56.75 by 5

ii) Divide

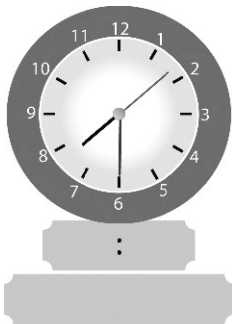
₹ 40.8 by 4

2 x 2 = 4M.

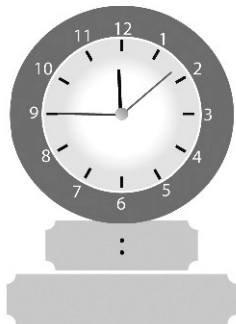
E. Read the time in the clock in two ways.

2 x 2 = 4M.

1)



2)



F. Word Problems.

3 x 2 = 6M.

- a) Sheila bought 4l of groundnut oil, 1l 350ml of olive oil and 6l 274 ml of sunflower oil from the grocery store. How much oil did she purchase in all ?
- b) Ranjana weighs 42kg 346g and Neela weighs 46 kg 280g. What is the total weight of the two girls ?
- c) Param buys sugar for ₹ 34.50 and milk for ₹ 45. How much does he pay for the two things.



Syllabus :

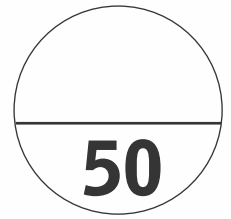
SUMMATIVE ASSESSMENT-I

Text Book
1 to 5 lessons

Magical Math : Class - 3

[Time : 2 ½ hours]

[Max. Marks:50]



Name :

Class :

Section :

Roll No. :

A. i) Write the Roman numerals for the following Indo-arabic numerals. $6 \times 1 = 6M.$

- 1) 13 2) 5 3) 7

ii) Write the Indo-Arabic Numerals for the following Roman Numerals.

- 4) XV 5) IX 6) XVII

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

- 1) Eight thousand five hundred and six
- 2) Five thousand and ten

C. Add the following using an abacus. $2 \times 2 = 4M.$

1)

	TH	H	T	O
	6	7	2	7
+	1	2	4	6

2)

	TH	H	T	O
	3	5	7	4
+	2	3	5	8

D. Borrow and subtract. $2 \times 2 = 4M.$

1)

	TH	H	T	O
	9	3	5	1
	4	7	2	6

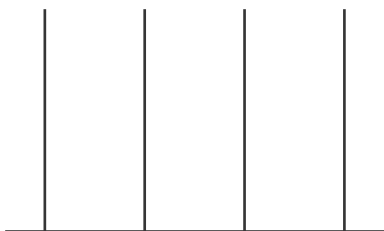
2)

	TH	H	T	O
	6	3	4	2
	3	4	7	3

E. Fill in the missing digits. Also express the number on an abacus.

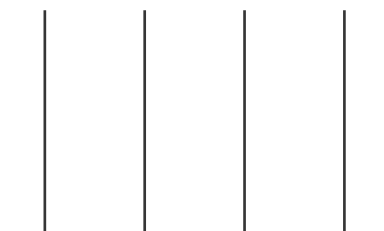
3 x 2 = 6M.

1)



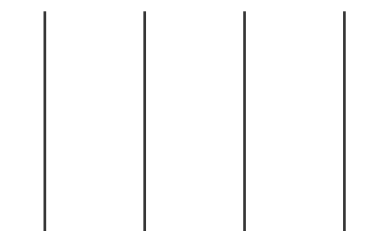
9731 = thousands + hundreds + tens + ones

2)



5459 = thousands + hundreds + tens + ones

3)



3845 = thousands + hundreds + tens + ones

F. Compare the given numbers and fill in the correct sign <, >, or =.

2 x 1 = 2M.

1) 7645 7045

2) 5050 5058

G. Write the next ten numbers.

3 x 2 = 6M.

1) 2345

2) 4671

3) 3351

H. Write the number names of the following numbers. $2 \times 2 = 4M.$

1) 3972

2) 7202

I. Write the greatest and the smallest numbers by using the given digits.

$3 \times 1 = 3M.$

1) 6, 4, 5, 1

2) 8, 2, 7, 3

3) 0, 3, 2, 6

J. Word Problems.

$4 \times 2 = 8M.$

- 1) Rajesh earns ₹ 9500 per month. His monthly expenses amount to ₹7680. How much money is he able to save every month ?
- 2) There are 4536 women and 5632 men in a village. How many people are there in the village ?
- 3) An office spends ₹ 2367 on stationary. ₹ 7832 on electricity. How much more money is spent on electricity than on stationary ?
- 4) Madanlal owns an orange orchard and a mango orchard. In a year his orchards produce 2165 boxes of oranges and 3171 boxes of mangoes. How many boxes of fruits do the orchards produce in a year ?

K. Connect the numbers and the number names.

10 x $\frac{1}{2}$ = 5M.

3874	Four hundred twelve
4263	One thousand and Sixty four
9217	One thousand seven hundred forty nine
8301	Three thousand eight hundred seventy four
4738	Four thousand two hundred sixty three
1064	Nine hundred forty seven
835	Nine thousand two hundred seventeen
412	Four thousand seven hundred thirty eight
947	Eight thousand three hundred and one
1749	Eight hundred thirty five



Syllabus :

SUMMATIVE ASSESSMENT-II

Text Book
1 to 9 lessons

Magical Math : Class - 3

[Time : 2 ½ hour]

[Max. Marks:50]

50

Name :

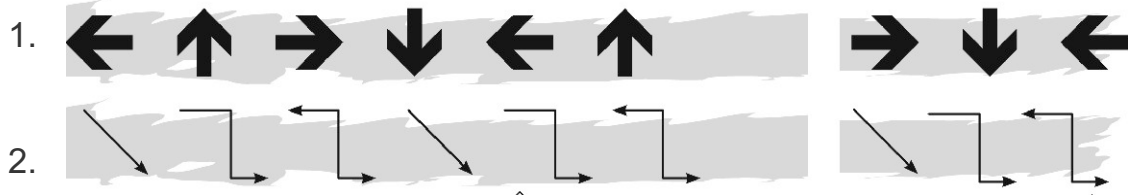
Class :

Section :

Roll No. :

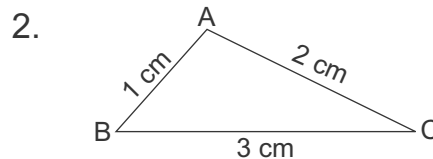
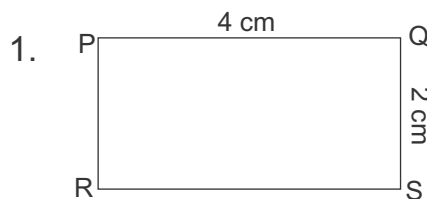
A. Circle the shape which will complete the pattern in the following pictures.

2 x 1 = 2M.



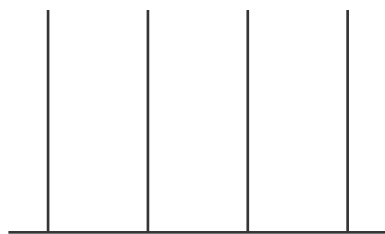
B. Find the perimeter of the following figures.

2 x 2 = 4M.



C. Fill in the missing digits. Also express the number on an abacus.

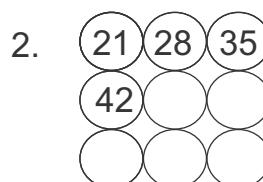
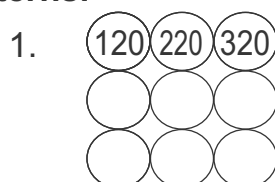
1 x 3 = 3M.



1. 7136 = thousands + hundreds + tens + ones

D. Recognise the rule of the following number patterns and complete the patterns.

2 x 2 = 4M.



E. Use a scale and pencil to draw the following segments. 3 x 1 = 3M.

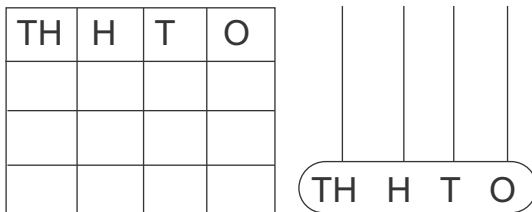
1. 11cm
2. 8 cm
3. 1 cm

F. Solve the following

2 x 2 = 4M.

i) Add without regrouping using an abacus.

$$1875 + 8023$$



ii) Borrow and subtract

	TH	H	T	O
	8	3	8	9
–	5	4	9	7

G. Write the five preceding numbers.

2 x 2 = 4M.

1. 4250
2. 9057

H. Write the numbers for the following number names.

2 x 1 = 2M.

1. Two thousand and five
2. Six thousand four hundred twenty five

I. Write the number names of the following numbers **2 x 2 = 4M.**

1. 5910

2. 4004

J. Write the following number in both place value form and expanded form. **2 x 2 = 4M.**

1. 3864 = thousands + hundreds + tens + ones

= + + +

2. 4060 = thousands + hundreds + tens + ones

= + + +

K. Write the Roman Numerals for the following Indo-arabic Numerals. **4 x 1/2 = 2M.**

1. 8

2. 6

3. 17

4. 16

L. Complete the table. **5 x 1 = 5M.**

1. $12 \times 1 = 12$

6. $12 \times 6 = \dots\dots\dots$

2. $12 \times 2 = \dots\dots\dots$

7. $12 \times 7 = 84$

3. $12 \times 3 = 36$

8. $12 \times 8 = \dots\dots\dots$

4. $12 \times 4 = \dots\dots\dots$

9. $12 \times 9 = 108$

5. $12 \times 5 = 60$

10. $12 \times 10 = \dots\dots\dots$

M. Circle the like fractions.**2 x 1 = 2M.**

1. $\frac{1}{4}, \frac{1}{3}, \frac{6}{7}, \frac{1}{2}, \frac{3}{4}, \frac{3}{7}, \frac{4}{7}, \frac{4}{2}$

2. $\frac{8}{11}, \frac{9}{10}, \frac{7}{11}, \frac{11}{12}, \frac{11}{13}, \frac{6}{11}, \frac{5}{11}, \frac{11}{15}$

N. Compare using >, < or = . ?**3 x 1 = 3M.**

1. $\frac{1}{4} \dots\dots \frac{3}{4}$

2. $\frac{5}{8} \dots\dots \frac{2}{8}$

3. $\frac{4}{5} \dots\dots \frac{4}{5}$

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

i) On Teacher's Day, 8 children gave flowers to the thier class teacher. Each gave 5 flowers. How many flowers has the teacher got ?

ii) Manu has ₹ 392. He has to buy pens each costing ₹ 9. How many pens can he buy ? How much money is left with him ?



Syllabus :

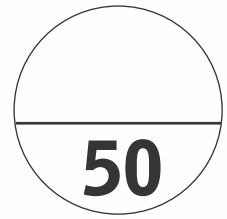
SUMMATIVE ASSESSMENT-III

Text Book
1 to 13 lessons

Magical Math : Class - 3

[Time : 2 ½ hour]

[Max. Marks:50]



Name :

Class :

Section :

Roll No. :

A. Write the number names of the following numbers. 2 x 1 = 2M.

1) 2873

2) 1000

B. Write the following number in both place value form and expanded form. 2 x 2 = 4M.

1. 2893 = thousands + hundreds + tens + ones
= + + +

2. 3864 = thousands + hundreds + tens + ones
= + + +

C. Arrange the following numbers in descending order. 2 x 1 = 2M.

1) 9108, 4375, 7389, 6389

2) 1772, 7172, 7272, 7227

D. Write the Indo-Arabic numbers for the following Roman Numerals. 2 x 1 = 2M.

1) XV

2) XVII

E. Represent the data given below in the form of a pictograph.

4 x 1 = 4M.

- 1) The following plates of food items were sold at a restaurant in one hour. Represent the data given below in the form of pictograph and answer the following questions.

Dosa	Idly	Pizza	Burgers	Vada	Noodles	Sandwiches	Pasta
28	12	8	15	7	18	4	5

- a) Which item is the least order on the menu ?
- b) Which is the favourite item of the patrons of the restaurant ?
.....
- c) Which food item is the second most favourite of all the food items ?
.....
- d) If you have to remove one item from the menu, which one will it be ?
.....

F. Word Problems.

6 x 2 = 12M.

- 1) Raju purchased bread for ₹ 11.75, butter for ₹ 21.25 and jam for ₹ 43.25. What was the total money paid by Raju ? If Raju gave a note of ₹ 100. What amount would he have got back ?
- 2) A bag containing rice, sugar and flour weighs 15 kg. The weight of rice is 8 kg 23g and that of flour is 5 kg what is the weight of sugar ?
- 3) 455 eggs are to be packed into 7 crates. How many eggs will fit into one crate ?
- 4) A box can hold 8 pencils. How many pencils are there in 24 boxes ?
- 5) Rani has saved ₹ 1583 to buy a gift for her mother. How much more does she need to save if the gift costs ₹ 3275 ?
- 6) 5764 students from different schools attend a science exhibition on the first day. 3549 students attend the exhibition on the second day. How many students in all attended the science exhibition ?

G. Complete the table.

5 x 1 = 5M.

1) $15 \times 1 = 15$

6) $15 \times 6 = 90$

2) $15 \times 2 = \dots\dots\dots$

7) $15 \times 7 = 105$

3) $15 \times 3 = \dots\dots\dots$

8) $15 \times 8 = \dots\dots\dots$

4) $15 \times 4 = 60$

9) $15 \times 9 = \dots\dots\dots$

5) $15 \times 5 = \dots\dots\dots$

10) $15 \times 10 = 150$

H. Add the following using an abacus.

2 x 2 = 4M.

1)

TH	H	T	O

$3465 + 45$

2)

TH	H	T	O

$79 + 2368$

I. Find the perimeter of figures whose length of the different sides is given below.

2 x 1 = 2M.

1) 3cm, 5cm, 7cm

2) 9cm, 9cm, 4cm, 4cm

J. Fill in the blanks with correct time.

3 x 1 = 3M.

1)



:

2)



:

3)



:

K. What will be the difference if.

2 x 2 = 4M.

1) 0 is subtracted from 2367.

2) 300 is subtracted from 2674

.....

L. Divide long division method.

2 x 2 = 4M.

1) $116 \div 9$

2) $729 \div 8$

M. Circle the greater fraction.

4 x $\frac{1}{2}$ = 2M.

1) $\frac{6}{9}$ $\frac{4}{9}$

2) $\frac{3}{4}$ $\frac{3}{7}$

3) $\frac{7}{14}$ $\frac{7}{21}$

4) $\frac{5}{7}$ $\frac{1}{7}$



Notes

Notes