

# LESSON PLAN

## Vikram Star Mathematics :: Class – 4

	Months	Star Mathematics
		Lessons
FA-I	June – July	<ol style="list-style-type: none"><li>1. Large Numbers</li><li>2. Addition</li></ol>
FA-II	August	<ol style="list-style-type: none"><li>3. Subtraction</li><li>4. Multiplication</li></ol>
SA-I	September	<ol style="list-style-type: none"><li>1. Large Numbers</li><li>2. Addition</li><li>3. Subtraction</li><li>4. Multiplication</li><li>5. Division and The Unitary Method</li></ol>
FA-III	October – November	<ol style="list-style-type: none"><li>6. Factors and Multiples</li><li>7. Geometry</li></ol>
SA-II	December	<ol style="list-style-type: none"><li>1. Large Numbers</li><li>2. Addition</li><li>3. Subtraction</li><li>4. Multiplication</li><li>5. Division and The Unitary Method</li><li>6. Factors and Multiples</li><li>7. Geometry</li><li>8. Fractions</li><li>9. Decimal System</li></ol>
FA-IV	January – February	<ol style="list-style-type: none"><li>10. Metric Measures</li><li>11. Time</li></ol>
<b>March</b>		<b>Revision</b>
SA-III	April	<ol style="list-style-type: none"><li>1. Large Numbers</li><li>2. Addition</li><li>3. Subtraction</li><li>4. Multiplication</li><li>5. Division and The Unitary Method</li><li>6. Factors and Multiples</li><li>7. Geometry</li><li>8. Fractions</li><li>9. Decimal System</li><li>10. Metric Measures</li><li>11. Time</li><li>12. Perimeter and Area</li><li>13. Symmetry and Patterns</li><li>14. Data Handling</li></ol>

C - 17

Vikram  
Star Mathematics

# FORMATIVE ASSESSMENT - I

Syllabus :  
(1 & 2 Units)

Class - 4 :: Star Mathematics

Page No. 5 - 32

Time : 1 Hour

Max.Marks: 25

25

Name :

Class :

Section :

Roll No.

I. Write the number names.

[3 x 2 = 6M]

1) 8401 = \_\_\_\_\_

2) 4462 = \_\_\_\_\_

3) 6138 = \_\_\_\_\_

II. Fill in the correct symbol of '>' or '<'.

[4 x 1 = 4M]

1) 20666  44483

2) 37735  91601

3) 928139  766480

4) 31029  74462

III. Write the standard form.

[3 x 1 = 3M]

1) 50,000 + 400 + 7

2) 30,000 + 4,000 + 900 + 10 + 5

3) 40,000 + 6 + 50 + 200 + 3,000

IV. Add the following.

[3 x 2 = 6M]

1) 2 5 2 6 1 6

(+) 5 3 4 2 5 4

\_\_\_\_\_

\_\_\_\_\_

2) 4 3 2 5 3

(+) 2 1 2 4 1

\_\_\_\_\_

\_\_\_\_\_

3) 4 1 5 6 2

(+) 2 0 1 4 3

\_\_\_\_\_

\_\_\_\_\_

V. Solve the problems.

[3 x 2 = 6M]

1) Add the largest 5 – digit number to the largest 6 digit number.

2) Mr. Gupta bought a house for ₹ 784600. He spent ₹ 70980 on its repair and white-wash. How much money did he spend on the house ?

3) A factory produced 72470 toys in January, 32145 toys in February, 22728 toys in March. How many toys did it manufacture in three months ?

\*\*\*\*\*



**C - 17****Vikram  
Star Mathematics****FORMATIVE ASSESSMENT - II****Syllabus :  
(3 & 4 Units)****Class - 4:: Star Mathematics****25****Page No. 33 - 51****Time : 1 Hour****Max.Marks: 25****Name :****Class :****Section :****Roll No.****I. Solve the following subtraction sums.****[3 x 2 = 6M]**

1)  $8964$

2)  $500$

3)  $868$

$(-)$   $3243$

$(-)$   $415$

$(-)$   $347$

**II. Solve the problems.****[3 x 2 = 6M]**

- 1) A library has 259 racks of books. If each rack holds 409 books. Find the total number of books in the library.
- 2) David had ₹ 72370 as his savings. He spent ₹ 48740 out of this to buy a new scooter. What amount of money left with him ?
- 3) A man had ₹ 1,00,000. He bought a computer for ₹ 45,800 and a television for ₹ 20,750. How much money is left with the man ?

**III. Multiply.****[3 x 2 = 6M]**

1)  $249$

2)  $73$

3)  $152$

$(\times)$   $2$

$(\times)$   $22$

$(\times)$   $2$

**IV. Fill in the blanks.****[5 x 1 = 5M]**

1)  $8956 \times 1 =$  \_\_\_\_\_

2)  $8,000 \times 6 =$  \_\_\_\_\_

3)  $753 \times 18 =$  \_\_\_\_\_  $\times 753$

4)  $4,000 \times 4 =$  \_\_\_\_\_

5)  $25 \times 10 =$  \_\_\_\_\_

**V. Choose the correct option.****[2 x 1 = 2M]**

1)  $2453 \times 18 =$  \_\_\_\_\_  $\times 2453$

( )

a) 18

b) 20

c) 24

d) 28

2) When a multiplicand is multiplied by the multiplier we get the : ( )

a) sum

b) difference

c) product

d) quotient

\*\*\*\*\*



C - 17

Vikram  
Star Mathematics

# FORMATIVE ASSESSMENT - III

Syllabus :  
(6 & 7 Units)  
Page No. 66 - 97

## Class - 4 :: Star Mathematics

Time : 1 Hour

Max.Marks: 25

25

Name :	Class :	Section :	Roll No.
--------	---------	-----------	----------

I. Write the first two common multiplies of the following numbers. [4 x 1 = 4M]

1) 3 and 5 \_\_\_\_\_ 2) 5 and 6 \_\_\_\_\_

3) 2 and 5 \_\_\_\_\_ 4) 2 and 3 \_\_\_\_\_

II. Find the prime factors of these numbers by the division method. [2 x 2 = 4M]

1) 72                      2) 40

III. Write if true or false. [4 x 1 = 4M]

1) 84 is an odd number.

2) 45 is an even number.

3) 18 is a multiple of 8.

4) 98 is an even number.

IV. Find HCF of the following. [3 x 2 = 6M]

1) 2 and 8                      2) 24 and 30                      3) 40 and 50

V. Fill in the blanks. [5 x 1 = 5M]

- Every Prime number has \_\_\_\_\_ factors.
- \_\_\_\_\_ are numbers with only 1 as their common factors.
- \_\_\_\_\_ is the greatest prime number less than 50.
- \_\_\_\_\_ is the only even prime number.
- The smallest prime number is \_\_\_\_\_.

VI. Choose the correct option. [2 x 1 = 2M]

- An instrument used to measure angles. ( )  
a) Protractor                      b) Compass                      c) Set square                      d) Thermometer
- A number that has only two factors, 1 and the number itself is called. ( )  
a) prime number                      b) composite number  
c) complex number                      d) None of these

\*\*\*\*\*



**C - 17****Vikram  
Star Mathematics****FORMATIVE ASSESSMENT - IV****Syllabus :  
(10 - 11 Units)  
Page No. 138 - 166****Class - 4 :: Star Mathematics****Time : 1 Hour****Max.Marks: 25****25****Name :****Class :****Section :****Roll No.****I. Solve the problems.****[3 x 2 = 6M]**

- 1) Mr. Ahuja travelled 75 km 800 m by car and 1600 km 25 m by bus what distance did he travel in all ?
- 2) Sonia takes 3 hours 25 minutes to finish her homework. How many minutes is that ?
- 3) The total time for a show was 3 hours and 10 minutes long. If it starts at 6 : 20 p.m. at what time does it get over ?

**II. Subtract the following.****[2 x 2 = 4M]**

$$\begin{array}{r} 1) \quad \text{kg} \quad \text{g} \\ \quad 700 \quad 420 \\ (-) \quad 355 \quad 880 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \text{km} \quad \text{m} \\ \quad 78 \quad 6 \\ (-) \quad 21 \quad 459 \\ \hline \end{array}$$

**III. Add the following.****[3 x 2 = 6M]**

$$\begin{array}{r} 1) \quad l \quad \text{ml} \\ \quad 56 \quad 820 \\ (+) \quad 14 \quad 616 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \text{m} \quad \text{cm} \\ \quad 56 \quad 90 \\ \quad 7 \quad 35 \\ (+) \quad 16 \quad 05 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \text{kg} \quad \text{g} \\ \quad 425 \quad 920 \\ \quad 081 \quad 093 \\ (+) \quad 114 \quad 286 \\ \hline \end{array}$$

**IV. Choose the correct option.****[5 x 1 = 5M]**

- 1) 17 minutes before 8 in the evening is the same as : ( )
  - a) 8 : 12 p.m
  - b) 8 : 12 a.m
  - c) 7 : 43 a.m
  - d) 7 : 43 p.m
- 2) Which of these is greater than kilolitre ? ( )
  - a) Hectolitre
  - b) Decalitre
  - c) Centilitre
  - d) None of these
- 3) How many minutes are there in a day ? ( )
  - a) 60
  - b)  $12 \times 60$
  - c)  $24 \times 60$
  - d)  $60 \times 60$
- 4) Which of these is equal to 1 hectolitre ? ( )
  - a) 10 l
  - b) 100 l
  - c) 1/10 l
  - d) 1/100 l
- 5) What will you do to convert kilometre to metre ? ( )
  - a)  $\div 10$
  - b)  $\times 10$
  - c)  $\div 1000$
  - d)  $\times 1000$

**V. Convert the following.****[4 x 1 = 4M]**

- 1) 28 g = \_\_\_\_\_ cg
- 2) 27 dl = \_\_\_\_\_ ml
- 3) 11 hm = \_\_\_\_\_ m
- 4) 4 l 7 ml = \_\_\_\_\_ ml

\*\*\*\*\*





**C - 17****Vikram  
Star Mathematics****SUMMATIVE ASSESSMENT - I**Syllabus :  
(1 - 5 Units)**Class - 4 :: Star Mathematics**

Page No. 5 - 65

Time : 2 1/2 Hours

Max.Marks: 50

**50****Name :****Class :****Section :****Roll No.****I. Solve the Problems.****[6 x 3 = 18M]**

- 1) Mr. Gupta bought a house for ₹ 784600. He spend ₹ 70980 on its repair and white - wash. How much money did he spend on the house ?
- 2) Ravi earned ₹ 62800 last year through his business. This year his earning is estimated to be ₹ 84840. What is the expected increase in his salary ?
- 3) In a garden there are 361 rows of plants. If there are 135 plants in each row, calculate the total number of plants in that garden.
- 4) In a school 945 children are made to stand equally in 35 rows. How many children are there in each row ?
- 5) The annual rent of a house is ₹ 58500. What is its rent for 17 months ?
- 6) 5 litres of oil cost ₹ 105. Find the cost of 3 litres of oil.

**II. Write the numerals for the given number names.****[5 x 1 = 5M]**

- 1) Nine thousand four hundred one.
- 2) Six hundred four.
- 3) Thirty-six thousand nine hundred ninety-eight.
- 4) Seven thousand thirty-five.
- 5) Five hundred forty.

**III. Write in the standard form.****[5 x 1 = 5M]**

- 1) 9,00,000 + 3,000 + 700 + 50 + 4
- 2) 900 + 10 + 5
- 3) 30,000 + 4,000 + 700 + 40 + 9
- 4) 11,000 + 300 + 50 + 2
- 5) 50,00,000 + 30,000 + 700 + 60 + 3

**IV. Add the following.****[3 x 2 = 6M]**

$$\begin{array}{r} 1) \quad 75356 \\ \quad \quad 8367 \\ (+) \quad 873 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 45232 \\ (+) \quad 4156 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 431 \\ (+) \quad 217 \\ \hline \\ \hline \end{array}$$

**V. Subtract the following.****[3 x 2 = 6M]**

$$\begin{array}{r} 1) \quad 979 \\ (-) \quad 236 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 7837 \\ (-) \quad 3918 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 48394 \\ (-) \quad 14212 \\ \hline \\ \hline \end{array}$$

**VI. Fill in the blanks.****[5 x 1 = 5M]**

- 1)  $31,895 \times \underline{\hspace{2cm}} = 0$
- 2)  $3715 \times 1 = \underline{\hspace{2cm}}$
- 3)  $68143 \times \underline{\hspace{2cm}} = 0$
- 4) 4 tens + 7 ones = 3 tens +  $\underline{\hspace{2cm}}$  ones.
- 5)  $8,000 \times 6 = \underline{\hspace{2cm}}$

**VII. Choose the correct option.****[5 x 1 = 5M]**

- 1) 796 multiplied by 10,000 is : (    )  
a) 79600                      b) 796000                      c) 7960000                      d) 79600000
- 2) If the cost of 8 pens is ₹ 72, then the cost of 5 pens is : (    )  
a) ₹ 9                              b) ₹ 18                              c) ₹ 27                              d) ₹ 45
- 3) 798114 divided by 0 will give. (    )  
a) 0                                  b) 1                                  c) 798114                              d) infinity
- 4) 894036 divided by 1000 will give remainder (    )  
a) 89                                  b) 4036                                  c) 894                                  d) 36
- 5)  $8941365 \times 1 =$  (    )  
a) 1                                      b) 0                                      c) 894136                                  d) 8941365

\*\*\*\*\*

**C - 17****Vikram  
Star Mathematics****SUMMATIVE ASSESSMENT - II****Syllabus :  
(1 - 9 Units)****Class - 4 :: Star Mathematics****Page No. 5 - 137****Time : 2 1/2 Hours****Max.Marks: 50****50****Name :****Class :****Section :****Roll No.****I. Solve the Problems.****[6 x 3 = 18M]**

- 1) 7500 litres of oil in a tank is filled in cans with equal capacity. Find the capacity of each can if it is filled in 50 cans.
- 2) A man walked  $1\frac{3}{5}$  km and cycled  $3\frac{4}{15}$  km. What is the total distance covered by him?
- 3) What should be added to  $2\frac{4}{9}$  to make it  $5\frac{5}{12}$ ?
- 4) A bucket has  $2\frac{3}{4}$  litres of water.  $1\frac{4}{6}$  litres more is added to it. How much water does the bucket contain now ?
- 5) Elections were held in sonapat in may 2008. The 4 persons who fought elections got 18,807; 18,465; 24,745 and 408 votes respectively. Find the total number of votes polled.
- 6) A factory producing bulbs made 40000 bulbs in a week. The factory distributed 28400 of them to its dealers. How many bulbs were remaining in the factory ?

**II. Expand the given numbers.****[5 x 2 = 10M]**

- |         |         |
|---------|---------|
| 1) 354  | 2) 2082 |
| 3) 3298 | 4) 2566 |
| 5) 1334 |         |

**III. Solve the following division sums.****[3 x 2 = 6M]**

- |                  |                  |                  |
|------------------|------------------|------------------|
| 1) $8086 \div 2$ | 2) $9330 \div 4$ | 3) $7808 \div 6$ |
|------------------|------------------|------------------|

**IV. Fill in the correct symbol of < or >.****[5 x 1 = 5M]**

- |           |                      |        |
|-----------|----------------------|--------|
| 1) 13275  | <input type="text"/> | 54274  |
| 2) 31029  | <input type="text"/> | 74462  |
| 3) 928139 | <input type="text"/> | 766480 |
| 4) 37735  | <input type="text"/> | 91601  |
| 5) 20666  | <input type="text"/> | 44483  |



**C - 17****Vikram  
Star Mathematics****SUMMATIVE ASSESSMENT - III****Syllabus :  
(1 - 14 Units)  
Page No. 5 - 182****Class - 4 :: Star Mathematics****Time : 2 1/2 Hours****Max.Marks: 50****50****Name :****Class :****Section :****Roll No.****I. Solve the Problems.****[6 x 3 = 18M]**

- 1) The height of a building is 40 m 50 cm. If a tree next to it is taller than the building by 2 m 97 cm. What is the height of the tree ?
- 2) A woman bought a gold ring for ₹ 8, 945. She wants to buy the same ring for two of her friends. How much money would the woman pay to buy 3 such rings ?
- 3) A fruit seller bought 1000 apples. He threw away 28 apples that were rotten. He packed the remaining apples equally in 36 boxes. How many apples were there in each box ?
- 4) Kartik, studying in class V, had a fracture and was absent from school from 21<sup>st</sup> January to 18<sup>th</sup> February. How many days of school did he miss ?
- 5) The cost of flat is ₹ 240350 more than a car. If the cost of the car is ₹ 365245, find the total cost of the flat and the car.
- 6) Three planes can carry 1185 passengers. How many passengers can be carried in 8 planes?

**II. Write the numbers.****[5 x 1 = 5M]**

- 1) 3 thousands + 8 hundreds + 5 tens + 7 ones.
- 2) 3 thousands + 4 hundred + 2 ones.
- 3) 7 thousands + 5 hundreds + 2 tens + 4 ones.
- 4) 9 thousands + 4 hundreds + 7 tens + 5 ones.
- 5) 5 thousands + 2 hundreds + 3 tens + 9 ones.

**III. Find the HCF by the division method.****[5 x 2 = 10M]**

- 1) 36 and 42
- 2) 24 and 30
- 3) 40 and 56
- 4) 48 and 60
- 5) 80 and 100

**IV. Choose the correct option.**

**[6 x 1 = 6M]**

- 1) When a multiplicand is multiplied by the multiplier we get the ( )  
a) sum                      b) difference                      c) product                      d) quotient
- 2) Which is smaller than 75.085 ? ( )  
a) 75.805                      b) 75.508                      c) 75.058                      d) None of these
- 3) Which one of these fractions is equivalent to  $\frac{4}{7}$ . ( )  
a)  $\frac{14}{17}$                       b)  $\frac{141}{171}$                       c)  $\frac{40}{70}$                       d)  $\frac{404}{707}$
- 4) The number of axes on symmetry in a symmetrical figure is ( )  
a) always 1                      b) 1 or 2                      c) 1 or 4                      d) can be any number
- 5) The rectangle with sides 5 cm and 6 cm has a perimeter of ( )  
a) 22 cm                      b) 11 cm                      c) 30 cm                      d) 22 sq cm.
- 6) The area of a square of side 1 cm is ( )  
a) 1 cm                      b) 4 cm                      c) 1 sq cm                      d) 4 sq.cm

**V. Fill in the blanks.**

**[6 x 1 = 6M]**

- 1) A number that is divisible by 2 and 3 is also divisible by \_\_\_\_\_
- 2) \_\_\_\_\_ are the numbers we multiply in order to get a product.
- 3) The first day of the month is a Sunday. The last day of the month is a Tuesday. The 12<sup>th</sup> day of the month is a \_\_\_\_\_
- 4) 1 decilitre = \_\_\_\_\_ millilitres.
- 5) 21 hr = \_\_\_\_\_ min.
- 6) \_\_\_\_\_ is the greatest prime number less than 50.

**VI. Write true or false.**

**[5 x 1 = 5M]**

- 1)  $2.1400 = 2.14$
- 2)  $7.006 = 7.6$
- 3)  $5.140 = 5.14$
- 4)  $4.5000 = 4.5$
- 5)  $9.170 = 9.17$

\*\*\*\*\*