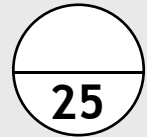




# UNIT TEST - III

Class : IV Vikram Lotus Mathematics



[ Max. Marks : 25 ]

[ Time : 1 Hour ]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term 2 (Units 1 to 3)

Individual Book (Units 6 to 8)

## Summative Assessment

I. Solve the following word problems.

(3 x 2 = 6)

- Out of 40 students in a class 23 are girls. What is the fraction of girls in a class ?
- Jasmine has a ribbon that is 12.6 metres long. Sharon has a ribbon that is 3.8 metres shorter. What is the total length of the two ribbons ?
- Jug A has 2.17 litres of water and Jug B has 0.79 litres less water than Jug A. Find the total volume of water in the two jugs.

II. Convert the following decimals to fractions.

(2 x 1 = 2)

- 0.285 \_\_\_\_\_
- 12.75 \_\_\_\_\_

III. Place the numbers below in order from smallest to greatest.

(2 x 1 = 2)

- 5.069, 9.05, 5.906, 5.6 \_\_\_\_\_
- 1.090, 1.009, 11.90, 10.90, 1.099 \_\_\_\_\_

## Formative Assessment

I. Add the following decimals.

(2 x 1 = 2)

- $$\begin{array}{r} 23.32 \\ + 19.62 \\ \hline \end{array}$$
- $$\begin{array}{r} 973.76 \\ + 906.18 \\ \hline \end{array}$$

II. Write each fraction in words.

(4 x 1/2 = 2)

- $\frac{1}{4}$  = \_\_\_\_\_
- $\frac{4}{5}$  = \_\_\_\_\_
- $\frac{3}{4}$  = \_\_\_\_\_
- $\frac{1}{10}$  = \_\_\_\_\_

III. Find the H.C.F. of the following by prime factorisation method.

(2 x 1 = 2)

- 45, 75 = \_\_\_\_\_
- 75, 135 = \_\_\_\_\_

Note : Cut along with the marking to avoid uneven cutting or torn.



IV. Convert the following improper fractions to mixed fractions.

(2 x 1 = 2)

1.  $\frac{21}{13}$  = \_\_\_\_\_

2.  $\frac{60}{11}$  = \_\_\_\_\_

V. Which is the smaller fraction in each pair of fractions.

(4 x 1/2 = 2)

1.  $\frac{3}{9}$  or  $\frac{3}{6}$  = \_\_\_\_\_

2.  $\frac{11}{22}$  or  $\frac{1}{34}$  = \_\_\_\_\_

3.  $\frac{2}{3}$  or  $\frac{1}{6}$  = \_\_\_\_\_

4.  $\frac{3}{4}$  or  $\frac{5}{12}$  = \_\_\_\_\_

VI. Subtract the following fractions.

(3 x 1 = 3)

1.  $15\frac{1}{2} - 5\frac{2}{3}$  = \_\_\_\_\_

2.  $16\frac{6}{8} - 1\frac{3}{4}$  = \_\_\_\_\_

3.  $18\frac{4}{9} - 5\frac{1}{6}$  = \_\_\_\_\_

VII. Write the following decimal numbers in words using the place value.

(2 x 1 = 2)

1. 0.4 = \_\_\_\_\_

2. 12.605 = \_\_\_\_\_

★★★★