



Half - Yearly Examinations

50

Class : IV Vikram Lotus Mathematics

[Time : 2 1/2 Hours]

[Max. Marks : 50]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book :Term 2

Summative Assessment

I. Solve the following word problems.

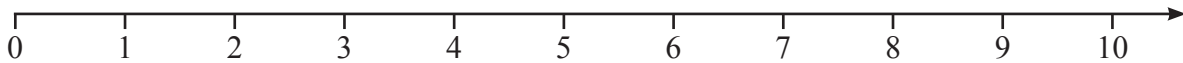
(2x 2 = 4)

1. A water pitcher weights 0.64 kg when empty and 1.728 kg when filled with water. How much does the water weigh ?
2. Raman heated his lunch for 0.8 minutes in the microwave oven. Finding the food still cold, he heated it for 2.8 more minutes. How many total minutes did he heat his lunch ?

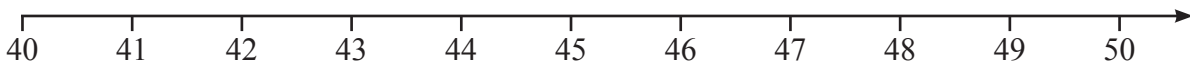
II. Using the number line, round the following numbers to nearest ten.

(3 x 1 = 3)

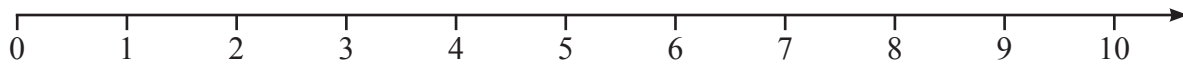
1. Is 9 nearer to 0 or 10 ? _____



2. Is 44 nearer to 40 or 50 ?



3. Is 8 nearer to 0 or 10 ?



III. Convert the following units of length as directed.

(3 x 1 = 3)

1. 23 km = _____ m
2. 23 dam 45 m = _____ dm
3. 239888 mm = _____ dam

IV. Fill in the blanks.

(3 x 1 = 3)

1. The smallest prime number is _____
2. The smallest odd prime number is _____
3. The greatest prime number between 1 and 100 is _____

IV. Find the next five equivalent fractions to.

(3x1=3)

1. $\frac{3}{7}$ - _____

2. $\frac{1}{8}$ - _____

3. $\frac{4}{7}$ - _____

Formative Assessment

I. Convert the following mixed fractions to improper fractions.

(3 x 1 = 3)

1. $2\frac{5}{15}$ - _____

2. $1\frac{1}{17}$ - _____

3. $8\frac{2}{5}$ - _____

II. Arrange in descending order using the symbol >.

(3 x 1 = 3)

1. $\frac{3}{4}, \frac{4}{5}, \frac{7}{10}$ _____

2. $\frac{2}{7}, \frac{11}{35}, \frac{9}{14}$ _____

3. $\frac{3}{8}, \frac{5}{6}, \frac{6}{8}$ _____

III. Subtract the following unlike fraction.

(3 x 1 = 3)

1. $\frac{9}{10} - \frac{9}{11}$ _____

2. $\frac{2}{4} - \frac{4}{9}$ _____

3. $\frac{18}{21} - \frac{19}{25}$ _____

IV. Write the following decimal numbers in words without the place value.

(4 x 1 = 4)

1. 10.18 - _____

2. 30,74,014.1397 – _____
3. 545.001 – _____
4. 2004.02 – _____

V. Estimate the sum by rounding each number to the nearest ten. (3 x 1 =3)

1. 238 + 975 = _____
2. 914 + 521 = _____
3. 753 + 814 = _____

VI. Add the following. (2 x 1 =2)

- | | | | | | | | | | | | | | | | | | |
|---|-----------|----------|---|---|---|---|---|---|--|-----------|----------|------|-----|---|------|------|-----|
| <p>1.</p> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;"><i>km</i></td> <td style="padding-right: 20px;"><i>m</i></td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">5</td> <td style="padding-right: 20px; text-align: center;">3</td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">+</td> <td style="padding-right: 20px; text-align: center;">8</td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">8</td> <td style="padding-right: 20px; text-align: center;">4</td> </tr> </table> | <i>km</i> | <i>m</i> | 5 | 3 | + | 8 | 8 | 4 | <p>2.</p> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;"><i>km</i></td> <td style="padding-right: 20px;"><i>m</i></td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">1500</td> <td style="padding-right: 20px; text-align: center;">500</td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">+</td> <td style="padding-right: 20px; text-align: center;">2000</td> </tr> <tr> <td style="padding-right: 20px; text-align: center;">2000</td> <td style="padding-right: 20px; text-align: center;">700</td> </tr> </table> | <i>km</i> | <i>m</i> | 1500 | 500 | + | 2000 | 2000 | 700 |
| <i>km</i> | <i>m</i> | | | | | | | | | | | | | | | | |
| 5 | 3 | | | | | | | | | | | | | | | | |
| + | 8 | | | | | | | | | | | | | | | | |
| 8 | 4 | | | | | | | | | | | | | | | | |
| <i>km</i> | <i>m</i> | | | | | | | | | | | | | | | | |
| 1500 | 500 | | | | | | | | | | | | | | | | |
| + | 2000 | | | | | | | | | | | | | | | | |
| 2000 | 700 | | | | | | | | | | | | | | | | |

VII. Divide the following. (2 x 1 =2)

1. 85 l 34 ml by 17 _____
2. 265 kg 450 g by 5 _____

VIII. Write all the factors for the numbers below and circle whether they are prime or composite numbers. (5M)

Numbers	Factors	Prime	Composite
3	1, 3,	•	
5			
9			
11			
15			
18			
23			
33			
41			
63			
97			

IX. Write each fraction in words.

(6 x 1/2 = 3)

1. $\frac{1}{4}$ - _____

1. $\frac{2}{5}$ - _____

1. $\frac{1}{5}$ - _____

1. $\frac{1}{10}$ - _____

1. $\frac{2}{5}$ - _____

1. $\frac{3}{4}$ - _____

X. Fill in the blanks below with a <, >, or = based on the number on the left being greater (>), smaller (<), or equal (=) to the number on the right.

(8 x 1/2 = 4)

1. 1.6 _____ 6.1 5. 3.06 _____ 3.60

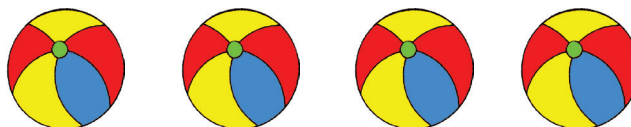
2. 3.01 _____ 3.09 6. 5.45 _____ 5.405

3. 85.58 _____ 58.85 7. 1.600 _____ 1.6

4. 4.7 _____ 4.07 8. 85.51 _____ 83.31

XI. Simplify by circling the correct number of objects.

(2 x 1 = 2)

1. $\frac{1}{2}$ of balls - 

2. $\frac{2}{8}$ of triangles - 