



Half-Yearly Examinations

50

[Time : 2½ Hours]

Class : V Vikram Lotus Mathematics

[Max. Marks : 50]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term - 2

Summative Assessment

I. Solve the following word problems.

(5 x 2 = 10M)

1) The weight of a jar of sweets is 1.4 kg. What is the total weight of 7 such jars ?

Sol.

2) Pooja got a 40 % off on purchasing a football priced at ₹ 750. How much did Pooja pay for the ball ?

Sol.

3) Anand bought a cycle for ₹ 6,500. He spent ₹ 500 on paint and ₹ 1,000 on a few parts. At what price should he sell to make a profit of 10% ?

Sol.

4) If Principal = ₹ 2,000, Rate of Interest = $2\frac{1}{2}$ %, Time = 3 years. Find the simple interest.

Sol.

5) 6 out of every 10 cars on the road is white . What percentage of cars are white ?

Sol.

II. Arrange the following from smallest to greatest.

(4 x 1 = 4M)

- 1) 2.43, 3.15, 2.73, 1.97 : _____
- 2) 12.42, 1.242, 124.2, 0.1242 : _____
- 3) 2.001, 2.010, 2.100, 2.0001 : _____
- 4) 327.1, 327.4, 336.43, 343.413 : _____

III. The shopping bill of five customers in a super store is as follows :

(2M)

Customer 1	2500
Customer 2	1750
Customer 3	2640
Customer 4	2445
Customer 5	1900

What is the average shopping bill of the 5 customers ?

IV. Express the following decimals as percent.

(3 x 1 = 3M)

- 1) 0.432 : _____ 2) 0.008 : _____
- 3) 2.79 : _____

Formative Assessment

I. Complete the table given below.

(5M)

Sr. No.	Cost Price	Selling Price	Profit / Loss	Profit / Loss in Rs.	% of Profit / Loss
1.	₹ 4,000	₹ 4,200			
2.	₹ 6,100	₹ 5,800			
3.	₹ 25	₹ 830			
4.	₹ 2,150	₹ 2000			
5.	₹ 3,720	₹ 3,500			

II. Find the selling price when :

(3 x 1 = 3M)

1) Cost price = 875, profit % = 5 % : _____

2) Cost price = 480, gain % = $12\frac{1}{2}$ % : _____

3) Cost price = 675, loss % = 12 % : _____

III. Subtract the following :

(2 x 1 = 2M)

1)
$$\begin{array}{r} \underline{3.73} \\ - 2.15 \\ \hline \end{array}$$

2)
$$\begin{array}{r} \underline{156.005} \\ - 23.150 \\ \hline \end{array}$$

IV. Convert the following fractions to decimals.

(3 x 1 = 3M)

1) $2\frac{1}{8}$: _____

2) $1\frac{2}{5}$: _____

3) $\frac{3}{4}$: _____

V. Round each number to the underlined place value position.

(6 x $\frac{1}{2}$ = 3M)

1) 18.99 : _____

4) 7831.193 : _____

2) 4.231 : _____

5) 0.4376 : _____

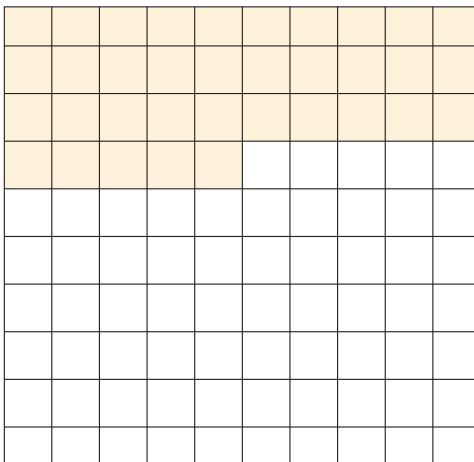
3) 17.28 : _____

6) 464.478 : _____

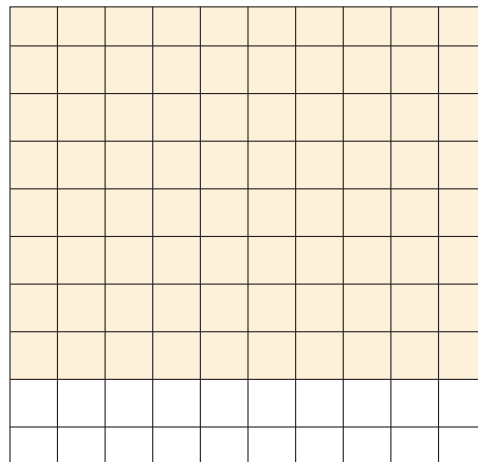
VI. Express the shaded portions of the given figures as.

(2 x 1 = 2M)

1) Fraction



2) Decimal



VII. Fill in the blanks.

(5M)

Sr. No.	Principal (P)	Rate % (R)	Time (T)	Simple Interest (S.I.)	Amount (A)
1.	₹ 3,000	10 %	1		
2.	₹ 5,000	8 %	2		
3.	₹ 3,200	4 %	1		
4.	₹ 6,000	5 %	3		
5.	₹ 4,800	6 %	4		

VIII. Compare the two decimal numbers and fill in the appropriate sign in the blank >, <, =

(4 x 1/2 = 2M)

1) 3.14 _____ 2.79

3) 0.734 _____ 0.70

2) 132.04 _____ 123.04

4) 4.631 _____ 4.631

IX. Multiply.

(3 x 1 = 3M)

$$\begin{array}{r} 1) \ 5.00 \\ \times 8.70 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \ 194.00 \\ \times 8.71 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \ 2.98 \\ \times 245.00 \\ \hline \end{array}$$

X. Convert the fractions into decimals.

(3 x 1 = 3M)

1) $\frac{13}{10}$ |

2) $12\frac{3}{100}$ |

3) $\frac{496}{100}$