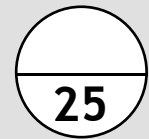




[Time : 1Hour]

UNIT TEST - IV

Class : V Vikram Lotus Mathematics



[Max. Marks : 25]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term - 3 (Units 1 - 4) Text Book : Units 12 - 15

Summative Assessment

I. Solve the following word problems.

(2 x 2 = 4M)

- 1) A bus accommodates 42 passengers in one trip. How many passengers does it carry in 15 trips ?

Sol.

- 2) 8 taps having the same rate of flow fill a tank in 27 minutes. If two taps go out of order, how long will the remaining taps take to fill the tank ?

Sol.

II. Write True or False for the given statements.

(5 x 1 = 5M)

- 1) A parallelogram is never a square. []
- 2) A square is always a rectangle. []
- 3) A trapezium is a parallelogram. []
- 4) A parallelogram has four right angles. []
- 5) The sum of angles of a quadrilateral is 360° . []

Formative Assessment

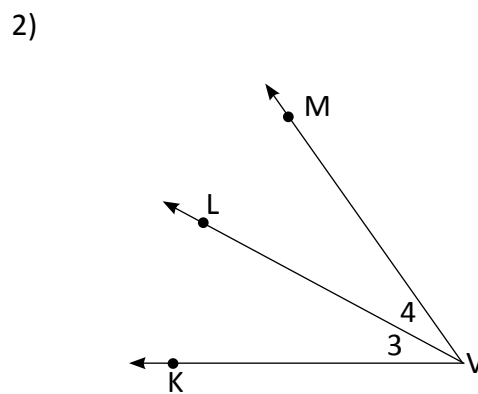
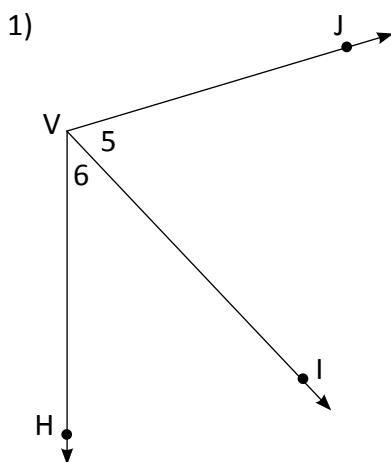
I. Complete the table given below, to calculate speed.

(3 x 1 = 3M)

Sl. No.	Distance	Time	Speed
1.	400 km	4 hrs.	
2.	70 m	70 sec.	
3.	15 km	3 hrs.	

II. Name all the angles that have 'V' s a vertex.

(2 x 1 = 2M)



Sol.

III. Calculate the area of the following rectangles using the formula. Remember to use the right unit for the area. (3 x 1 = 3M)

1) $l = 5 \text{ mm}$, $b = 3 \text{ mm}$

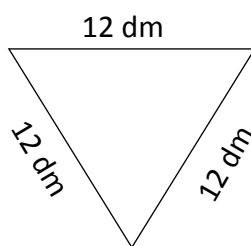
2) $l = 12 \text{ inches}$, $b = 5 \text{ inches}$

3) $l = 25 \text{ km}$, $b = 20 \text{ km}$

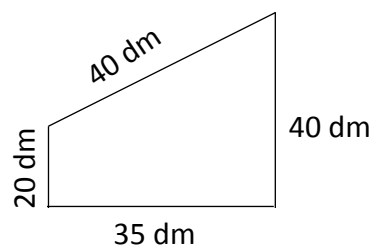
IV. Find the perimeter of the following figures.

(2 x 1 = 2M)

1)



2)



Sol :

V. Give two examples from real life where the following are found.

(3 x 1 = 3M)

1) Parallel lines

2) Perpendicular lines

3) Intersecting lines

VI. Given are measures of the angle, classify them as acute, obtuse, right, straight or reflex.

(3 x 1 = 3M)

1) 119°

2) 193°

3) 210°

Sol.

Vertical line for solution 1

Vertical line for solution 2 and 3

