**Aarambh Classes**

**Class 9**

**Maths test**

**First four chapters**

**Time : 1 hour M.Marks : 30**

1. Locate on the number line.
2. Show that 1.272727................can be expressed in the form p/q ,where p and q are integers and q 0 .
3. Find three different irrational numbers between the rational numbers and .
4. Add 2 +5 and -3 .
5. Rationalise the denominator of .
6. Find : (I) (ii)
7. Find the remainder when is divided by x-1.
8. Find the value of k ,if x-1 is a factor of .
9. Factorise : (I) (ii)
10. Factorise ;
11. Plot the points (-2,4) ,(3,-1) ,(-1,0) ,(1,2) ,(-3,-5) on the cartesian plane .
12. Find two solutions for each of the following equation :

(i)4x+3y=12 (ii) 2x+5y=0 (iii) 3y+4=0

13 .Find the value of k if x=2 and y =3 is a solution of the equation 2x+3y=k .