**Aarambh classes**

**Class VII(ICSE)**

**Maths test**

**Time : 1 hour Lines and angles M.Marks :20**

1. Find the complement of each of the following angles:
2. 360 (ii) 490 (iii)620 (iv) 750
3. Find the supplement of each of the following angles :

(i)820 (ii)560 (iii)1080  (iv)1250

3. Find the angle which is its own complement.

4. Find the angle which is double of its supplement.

6. In the adjoining figure,what value of x will make AOB a straight line ?

C

A 2x O X B

7. In the given figure ,AOB is a straight line and the rays OC and OD stand on it.

D C

y

A x z B O

If x=y=z,find the value of x,y and z.

8. In the given figure ,two straight lines AB and CD intersect at a point O.If AOC = 510 ,find the measure of each of the angles : A C

(i) AOD (ii) BOD (iii)COB O

D B

9.In the given figure,Rays OA,OB ,OC and OD are such that are such that , BOC = 1100 , COD =x0 and DOA = 720.Find the

A value of x.

O