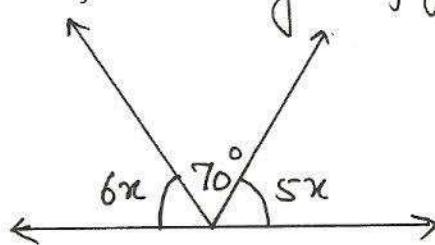
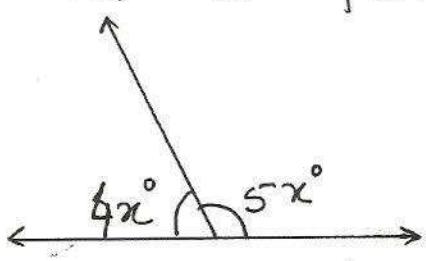
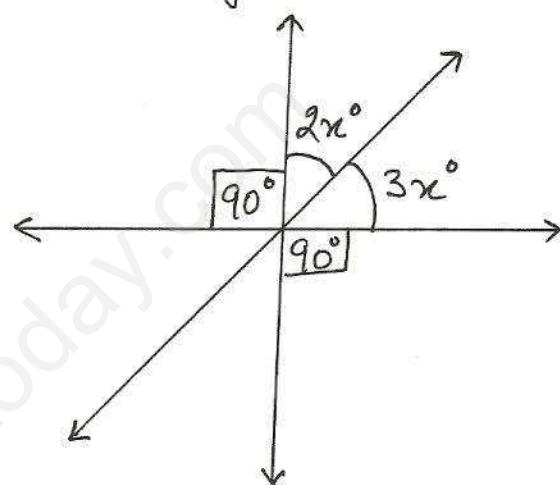
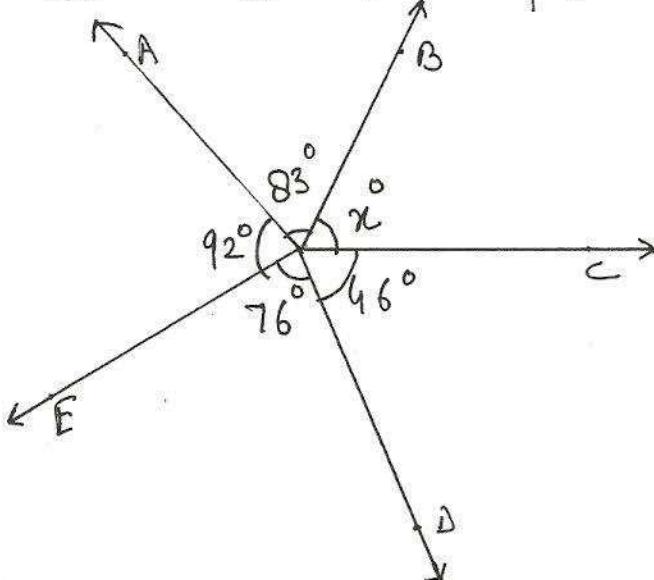


VII - Mathematics Assignment No-03. Lines and Angles.

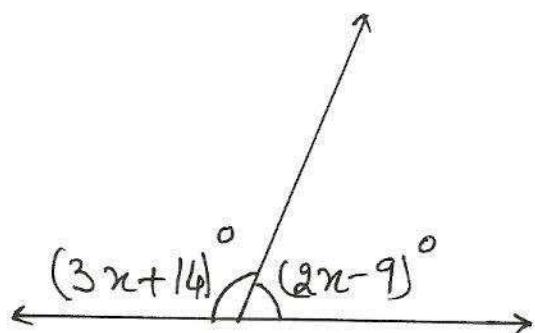
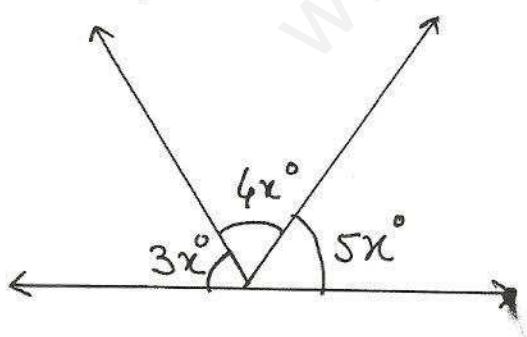
① Find x from the following figures.



Q2. Find x from the following figures.



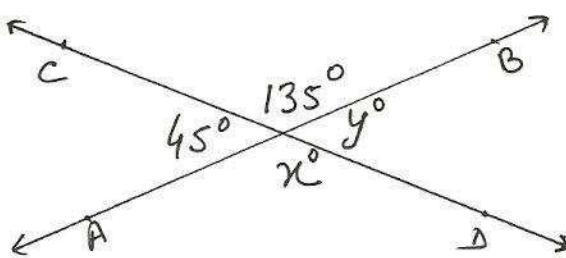
Q3. Find the value of x , hence find the angles.



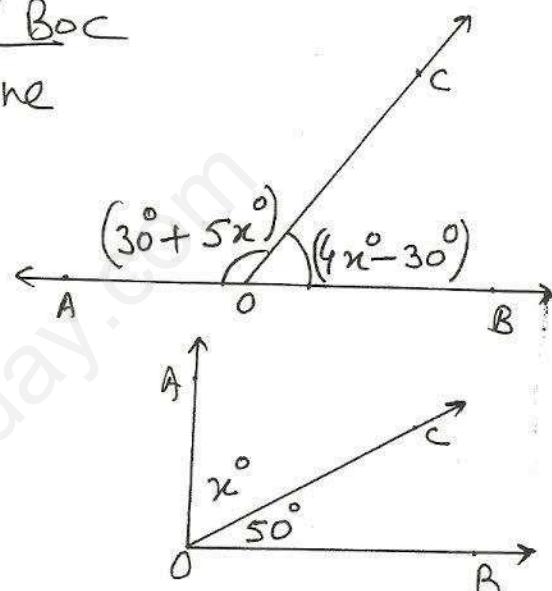
Q4. Two supplementary angles are such that one is $\frac{4}{5}$ of the other. Find them

Cont Pg-2

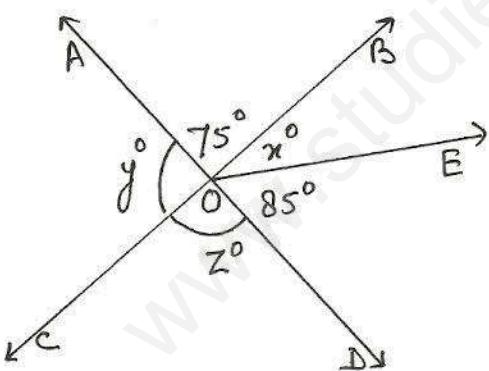
Q5. Find x and y from the following figure



Q6. Calculate $\angle AOC$ and $\angle BOC$
if AOB is a straight line



Q7. Find x from the adjoining figure



Calculate x , y , z
from the adjoining
figure.

ANSWERS:-

(Q1) $x = 20$	<u>and Part</u> $x = 35^\circ$ Angles $119^\circ, 61^\circ$	(Q5) $x = 135^\circ$ $y = 45^\circ$	(Q8) $x = 20^\circ$ $y = 105^\circ$ $z = 75^\circ$
(Q2) $x = 10$		(Q6) $130^\circ, 50^\circ$	
(Q2) $x = 63$		(Q7) $x = 40^\circ$	
$x = 18$	(Q4) $100^\circ, 80^\circ$		
(Q3) $x = 15$			
$45^\circ, 60^\circ, 75^\circ$			