GEOMETRY (Q 4, PAPER 2)

LESSON NO. 1: ANGLES AND TRIANGLES



2005

4 (a) In the diagram, the line *L* is parallel to the base of the isosceles triangle.(i) Find *x*.

(ii) Find y.



2000

4 (a) In the diagram, |ab| = |ac| and $|\angle bad| = 102^{\circ}$.

- (i) Find $|\angle cab|$.
- (ii) Find $|\angle abc|$.



1998

4 (a) In the triangle abc, |ad| = |bd|, $|\angle abd| = |\angle dbc|$ and $|\angle dab| = 48^{\circ}$. Find $|\angle dcb|$.





Answ				
2007	4	(a) (i) 100°	(ii) 80°	
2005	4	(a) (i) 65°	(ii) 65°	
2000	4	(a) (i) 78°	(ii) 51°	
1998	4	(a) 36°		
1996	4	(a) (i) 65°	(ii) 25°	