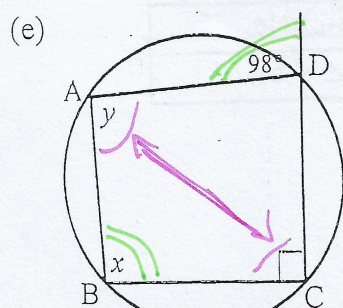
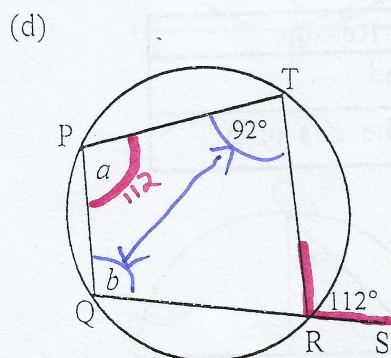
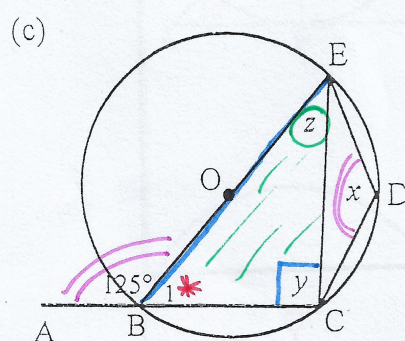
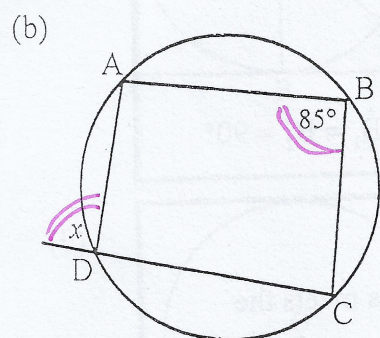
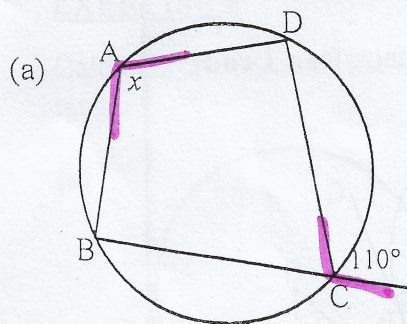


EXERCISE 7

1. Calculate the value of the unknown angles. O is the centre.



Statement	Reason
$x = 110^\circ$	ext L cyclic quad.
$x = 85^\circ$	ext L cyclic quad
$x = 125^\circ$	ext L cyclic quad
$y = 90^\circ$	L's semi O
$\hat{B}_1 = 180 - 125^\circ = 55^\circ$	Ls on straight line
$z = 180 - 90 - 55^\circ$	int Ls of Δ
$z = 35^\circ$	
$a = 112^\circ$	ext L cyclic quad
$b + 92^\circ = 180^\circ$	opp Ls cyclic quad
$b = 88^\circ$	
$x = 98^\circ$	ext L cyclic quad
$y + 90 = 180$	opp L's cyclic quad.
$y = 90^\circ$	