

Angles in 2D Shapes L2 Mark Scheme		
1	60°	[1]
2	Missing angle = $180^\circ - 80^\circ - 40^\circ = 60^\circ$	[1]
3	$A = 180^\circ - 90^\circ - 35^\circ = 55^\circ$	[1]
4	$A = 360^\circ - 80^\circ - 110^\circ - 120^\circ = 50^\circ$	[1]
5	$A = 180^\circ - 110^\circ - 45^\circ = 25^\circ$	[1]
6	$A = 360^\circ - 90^\circ - 90^\circ - 105^\circ = 75^\circ$	[1]
7	$180^\circ - 80^\circ = 100^\circ$	[1]
	Missing angle = $100^\circ \div 2 = 50^\circ$	[1]
8	Angle B = 65°	[1]
	Sum of angles A and C = $360^\circ - 65^\circ - 65^\circ = 230^\circ$	[1]
	A and C are both $230^\circ \div 2 = 115^\circ$	[1]
9	Angle B = 150°	[1]
	Sum of angles A and C = $360^\circ - 150^\circ - 150^\circ = 60^\circ$	[1]
	A and C are both $60^\circ \div 2 = 30^\circ$	[1]