Question			Answer	Marks	Part marks and guidance	
1	(a)	(i)	9	1 1 AO1.3a		
		(ii)	3	1 1 AO1.3a		
		(iii)	45	1 1 AO1.3a		
	(b)	(i)	13	2 2 AO1.3a	**M1** for $12 \times 4 - 5 \times 7$ or better	
		(ii)	$r = \dfrac{p+q}{4}$	2 2 AO1.3a	**M1** for $4r = p + q$	Allow correct equivalents of $\dfrac{p+q}{4}$
2			Pie chart drawn with angles of 78°, 180°, 60°, 42°	4	**B1** for at least three of 13, 30, 10, 7 **seen** AND **B2** for two sectors correct or **B1** for one sector correct	
			Correct labelling	1 1 AO1.3a 1 AO2.3a 3 AO2.3b		