

Question	Working	Answer	Mark	Notes	Total
1 (a)		A, E	1	B1 for both of these and no extras	
(b)		N, S	1	B1 for both of these and no extras	
					2

2	$\frac{4}{3} \times \frac{12}{5}$ or $[1 \times] 2 + [-1] \frac{2}{5} + \frac{1}{3} \times 2 + \frac{1}{3} \times \frac{2}{5}$		2	M1 must see correct fractions for multiplying or four terms added including at least two products NB for this questions we will not accept any misreads	
	$\frac{48}{15} = 3\frac{1}{5}$ or $\frac{4}{3} \times \frac{12}{5} = \frac{16}{5} = 3\frac{1}{5}$ or $2 + \frac{6}{15} + \frac{10}{15} + \frac{2}{15} = 3\frac{3}{15} = 3\frac{1}{5}$	shown		A1 dep on M1 No incorrect working seen. Minimum working required shown. Must end with $3\frac{1}{5}$	
					2

3	$3 \times 4^2 + 2 [=50]$ or $3 \times 5^2 + 2 [=77]$ or $3(4^2 + 5^2) + 4$ oe.		2	M1 finding either term	
	127			A1	
					2

4			2	M1 correct arcs on QP and QR and arcs from these points to join to form bisector	
				A1 dep completely correct bisector with all arcs shown SCB1 for a correct bisector without full construction seen.	
					2