

Section B

8	(a)	42 and opposite angles	1		Accept X – angles		
		111	1				
		Angles on a (straight) line	1				
		Or angles around a point					
	(b)	Angle B = 69° or B = C	1		s.o.i		
			4				
9	(a)	(i) 440 – 460	1		Accept DP		
		(ii) Dragon (Power)	1				
		3·5(0)	1				
	(b)	78	2	M1	sight of 68		
			5				
10		31·60	3	M1	68·69 × 0·46 soi		
				A1	31·59(7...)		
				W1	f.t. their answer seen to nearest penny		
					31·6 scores 2 marks		
				3			
11	(a)	5·55	1				
	(b)	60·71	3			M1	attempt at finding sum (303·55)
						M1	'their sum' + 5 independent
							s/c M1 for 252·(302)
	(c)	Higher mean	1				
		More consistent, lower range	1				
	(d)	Accept 2 to 3	1				
			7				
12		9·4	3	M1	improved second trial		
				M1	improved third trial		
					9·4 and no working scores W2		
				3			
13		22·8	2	M1	$\frac{1}{2} \times 9\cdot5 \times 4\cdot8$		
		cm ²	1		Independent (must involve a value)		
			3				
			25				