

Question			Answer	Marks	Part marks and guidance	
8			70 The triangle is isosceles so the missing angle is x (may be on diagram) oe Angles in a triangle sum to 180° oe (may be indicated by summing of angles to 180 oe)	3 1 AO1.3a 1 AO2.4a 1 AO3.1b	B1 for each	
9	(a)		100	1 1 AO2.1a		
	(b)		10	1 1 AO2.1a		
	(c)		One and a quarter boxes drawn	3 1 AO1.3a 1 AO2.3b 1 AO3.1c	M2 for 50 or M1 for 310 or M1 FT from subtraction	
10	(a)	(i)	$>$	1 1 AO1.2		
		(ii)	$<$	1 1 AO1.2		
		(iii)	$>$	1 1 AO1.2		
	(b)		2500 oe	2 1 AO1.2 1 AO1.3a	M1 for 25 or 100	
11			Correct reasoning	2 1 AO1.3a 1 AO2.2	M1 for $4a + 12 - 3a \pm 6$	