

Topic Test 1 Mark Scheme

2D representation of 3D shapes - Foundation

Q	Answer	Mark	Comments
1	24 cm ³	B1	
2	Triangular prism	B1	
3	14 cm ²	B1	
4	B and E	B2	B1 for B and E and 1 other B1 for only B or E circled
5(a)	7	B1	
5(b)	50	B1	
5(c)	54	B1	
6(a)	Base of [8.9, 9.1] cm	B1	
	Either angle drawn within tolerance [43, 47] or [63, 67]	B1	
	Both angles within tolerance and sides joined to make a complete triangle	B1	
6(b)	[8.5, 8.8] cm or [85, 88] mm	B1ft	ft their triangle

Q	Answer	Mark	Comments
7(a)	125	B1	
7(b)	150	B1	
7(c)	8	B1	
7(d)	9 or 6×9	M1	
	54		
8	4 cm by 3 cm rectangle and 4 cm by 2 cm rectangle	B1	
	Two 3cm by 2 cm triangles	B1	
	4 cm \times (length of hypotenuse of 2 \times 3 triangle \pm 1mm) and net that will construct a prism.	B1	