

**Specimen assessment materials: Foundation tier Unit 2 Stage 2 mark scheme**

No	Working	Answer	Mark	Notes
1 (a) (b)		81 4	1 1	B1 cao B1 cao
2	16 – 13 + 18	21	2	M1 16 – 13 + 18 A1 cao
3	10% = 24 5% = 12 2.5% = 6 Adding gives 17.5% = 42	Explanation	2	M1 identification of 10% = 24 A1 for completion of full method
4	89 + 79 + 79 = 247p 500 – 247 = 253	£2.53	3	M1 89 + 79 + 79 M1 500 – ‘247’ A1 £2.53 or 253p
5		14 – (8 – 2)	1	B1 cao
6		Segment Sector	2	B1 cao B1 cao
7		Odd number	1	B1 cao
8	$\frac{2.4+1.9}{20} = \frac{4.3}{20}$	0.215	2	M1 correct order of evaluation A1 cao
9 (a) (b)		1.8m 12m	1 2	B1 1.5 to 2 metres M1 evidence of using height of man to estimate height of building A1 10m to 14m

No	Working	Answer	Mark	Notes														
10 (a)	<table border="1"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>-4</td> <td>-2</td> <td>0</td> <td>2</td> <td>4</td> <td>6</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-4	-2	0	2	4	6	-2, 4	2	B1, B1 cao
x	-2	-1	0	1	2	3												
y	-4	-2	0	2	4	6												
(b)		See overlay	2	B1 for all points plotted correctly B1 for correct straight line														
11	$D = 220 - 40$ $S = \frac{220 - 40}{2.5}$	72	3	M1 for use of $S = \frac{D}{T}$ A1 for $\frac{180}{2.5}$ A1 for 72														

**Question 10 overlay**

