Paper: 1MA1/3F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
22 **Q1**	7.5	M1 A1	for correct use of Pythagoras, eg.$8.5^2 - 4^2$ (= 56.25) or $4^2 + x^2 = 8.5^2$ for 7.5 or $7\frac{1}{2}$ or $\frac{15}{2}$	Must have values substituted Trigonometry may be used but M1 only awarded when complete method shown.

Paper: 1MA1/1F				
Question	**Working**	**Answer**	**Mark**	**Notes**
25 **Q2**		70.5	P1 P1 P1 P1 A1	starts process of Pythagoras e.g. $5^2 + 12^2$ complete process for Pythagoras e.g. $\sqrt{5^2+12^2}$ or $\sqrt{25+144}$ or $\sqrt{169}$ (=13) (dep P1 for Pythagoras) process of adding all the lengths e.g. 5 + 5 + 12 + 12 + "13" (=47) (indep) process of multiplying at least 2 lengths by 1.5 ca SC: any evidence of working with Pythagoras award the P1 or P2

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
25 **Q3**	41.6	P1 P1 P1 A1	for start of process to find the length of the hypotenuse, eg (hyp^2 =) $8^2 + 10^2$ (= 164) for complete process to find hypotenuse, eg $\sqrt{8^2+10^2}$ **or** $\sqrt{64+100}$ **or** $2\sqrt{41}$ **or** $\sqrt{164}$ (= 12.8…) (dep P2) for complete process to find the required perimeter, eg 8 + 8 + 10 + "12.8" + "12.8 – 10" **or** $16 + 4\sqrt{41}$ for answer in the range 41 to 42	Note lengths may be seen on the diagram 8 + 8+ "12.8" + "12.8" oe is acceptable for this mark If an answer in the range 41 to 42 is given in the working space then incorrectly rounded, award full marks.

Paper: 1MA1/3F					
Question	**Answer**	**Mark**	**Mark scheme**		**Additional guidance**
19 **Q4**	34 cm²	P1	for finding one area eg 8 × 8 (= 64) or 0.5 ×3 × 5 (=7.5)	for first stage in working with Pythagoras eg sight of $3^2 + 5^2$ or 9 + 25	