Question	Answer	Marks	Part marks
1(a)(i)	600 + (11+ 9) × 11 [=330] with no errors seen	MI	Could be in separate steps
I(a)(ii)	270	10	
1(b)(i)	372 cao nfww	3	B2 for answer 371.7 or M1 for 330 $\times \left(1 + \frac{1.5}{100}\right)^8$ oe not spoiled After zero scored, SC1 for answer 42 or 41.7
l(b)(ii)	12.6 or 12.7 or 12.63 to 12.73	2	M1 for their (b)(i) -330 or their (b)(i) ×100 soi by 112.7 or 113 After zero scored, SC1 for answer 12%
1(c)(i)	99 280 cao final answer	1	
1(c)(ii)	27.5[0]	3	M2 for $24.75 + \frac{100-10}{100}$ oc or M1 for recognising 24.75 as $90[\%]$ oc
1(d)(i)	32 cao	2	M1 for $\left(1 - \frac{20}{100}\right) \left(1 - \frac{15}{100}\right) [x]$ or for $0.15 \times 0.8 [x]$ oe
1(d)(ii)	13 сао	2	M1 for $\left(1 - \frac{20}{100}\right) \left(1 - \frac{15}{100}\right) \times x = 40.84 - 32$ oe seen or for their (d)(i) + $\left(1 - \left(\frac{their\ (d)(i)}{100}\right)\right) x = 40.84$ oe
2(a)(i)	Image at (8, 1), (10, 5), (8, 5)	2	B1 for translation $\binom{6}{k}$ or $\binom{k}{-5}$ or 3 correct points not joined
2(a)(ii)	Image at (4, 10), (4, 8), (8, 8)	2	B1 for rotation 90° anticlockwise but different centre or for rotation 90° clockwise about (4, 10) or 3 correct points not joined
2(a)(iii)	Image at (6, 3), (6, 5), (7, 5)	2	B1 for enlargement factor $\frac{1}{2}$ but incorrect centre or 3 correct points not joined
2(b)	Reflection	1	
	y = -x oe	1	If zero scored, M1 for correct use of matrix product

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