Section A

1	(a) £27.60 (b) 1800 (c) 344	2 3 4 [9]	M1 for valid attempt at 3.45 × 8 M2 for 12×5×20+6×5×20 o.e. [e.g. 1200 + 600] M1 for vol. of one cuboid eg 10×12×20 or 2400 or for area of end eg 12 × 5 + 6 × 5 or 90 M1 for 0.5 × 6 × 4 or 12 and M1 for 5 × 20 or 100 and M1 6 × 20 or 120 or M2 for 16 × 20 or 320
2	(a) 1/12 (b) 48	2 1 [3]	M1 for 5/60 or 1/6 × ½ seen
3	(a) 7.5 (b) 3	3 3 [6]	condone embedded e.g. 2(7.5 + 1) = 17; M2 for $x + 1 = 8.5$ or M1 for $2x + 2$ [= 17] and M1 for $2x = 15$ SC1 for $2x + 1 = 17$ followed by $x = 8$ or for $2x + 3 = 17$ followed by $x = 7$ M1 for x terms correctly on one side and M1 for numbers correctly on one side need not be simplified if in eqn; or M1 for $\pm 4x$ or ± 12 seen 9provided no other x or number terms remaining; give M2 only if both sides correct in an eqn
4	(a) (1, 38) (2, 50) (3, 62) and (4, 74) plotted (b)(i) 12 (ii) 110 or ft from their formula	2 1 1 [4]	tol < 1 mm. W1 for 2 or 3 correct ignore joins [eg accept stick or line graph]; condone bars etc at correct heights
5	triangle with vertices at (–1, 2) (–4, 2) and (–1, 4)	3 [3]	W2 for 2 vertices correct or for 90° anticlockwise rotation in wrong position or W1 for rotation about (0, 0) of 90° clockwise or 180°; tol. 2 mm (bod intent); for rotations in all 4 quadrants seen, give SC2 if all correct, give lowest mark gained if one or more wrong
	Total section A	**25**	