1	$\pi \times 15^2 \ (= 225\pi)$		2	M1		
		707		A1	awrt 707	
						Total 2 marks

2	(e)	$\frac{1}{2}(6+10)\times 4$		2	M1	for correct application of formula allow triangle method
			32		A1	cao

3	eg $\frac{1}{2} \times (20 + 26) \times 12 (= 276)$ or $12 \times 20 + \frac{1}{2} \times (26 - 20) \times 12 (= 276)$ or $12 \times 26 - \frac{1}{2} \times (26 - 20) \times 12 (= 276)$		5	M2	complete method to find the area of the shape M1 for method to find the area of a rectangle $12 \times 20 \ (= 240)$ or $12 \times 26 \ (=312)$ or the area of the triangle $\frac{1}{2} \times (26 - 20) \times 12 \ (= 36)$
	"276" ÷ 20 (= 13.8)			M1	(indep) method to find the number of tins for their area ft any value from a calculation that includes at least two of 20, 26 & 12
	eg 3 × $40 + 2 \times 13$ (= 146) or 14 × 13 (= 182) or 4 × 40 (= 160)			M1	method to calculate a cost for their number of tins dep on previous M1 (NB: use $n \times 40 where n is the next multiple of 4 greater than the number of tins needed, divided by 4)
		146		Al	cao dep on accurate figures
					Total 5 marks

4	$8.5^2 - (8 \div 2)^2 (= 56.25) \text{ or } \cos x = \frac{4}{8.5}$		4	M1	or eg cos $A = \frac{8^2 + 8.5^2 - 8.5^2}{2 \times 8 \times 8.5}$
	$\sqrt{56.25''}$ (= 7.5) or $x = \cos^{-1}\left(\frac{4}{8.5}\right)$ (= 61.927)			M1	or eg $(A =)\cos^{-1}\left(\frac{8^2 + 8.5^2 - 8.5^2}{2 \times 8 \times 8.5}\right)(61.927)$ (other angle = 56.144)
	$8 \times "7.5" \div 2$ oe or $0.5 \times 8 \times 8.5 \times \sin "61.927"$			M1	or eg 0.5 × 8.5 × 8 × sin61.927oe
		30		A1	
					Total 4 marks

5	$28 \div 4 (= 7)$			M1	
				M1	for using at least six lengths correctly (may be seen on diagram or in calculation)
	e.g. "7" + "3" + 4 + "3" + "7" + 4 + "7" + 4 + "7" + 4			M1	for a complete method to find perimeter
		50	4	Al	
				SC	Award B2 for an answer of 66 or 68
					Total 4 marks

6	$\pi \times 7.2^2 \div 2 \ (= 81.4)$			M1	allow 81.3 – 81.5 for area of semi circle
	"81.4" ÷ 6 (= 13.5) or 12 × 6 (= 72) or "81.4" ÷ 12 (= 6.7)			M1	(dep) allow $13.5 - 13.6$ for the number of boxes needed (NB: $12 \times 6 = 72$ alone is 0 marks)
		No with correct figures	3	Al	
					Total 3 marks

ſ	7	$30 = \frac{27}{1.2x}$		3	M2	M1 for $\frac{27}{1.2x}$	
ſ			0.75		A1	oe	
							Total 3 marks

8	$20 \div 4 (= 5)$ or width = 15 or length = 20		3	M1	Could be clearly shown on
					diagram
	$(4 \times 5) \times (3 \times 5)$ or 20×15 or			M1	dep on M1
	$(5^{\circ} \times 5^{\circ}) \times 12$ or 25×12				-
		300		A1	for 300
					SCB1 for 60 × 80 (=4800)
					Total 3 marks

9		[perimeter =] $10 + 6 + 10 + 6$ (= 32) or				4	M1	for perimeter or semi perimeter of
		$(10+6) \times 2 (= 32)$ or 10+6 (= 16)						rectangle
		10 + 6 (= 16) [area =] $10 \times 6 (= 60)$					M1	(indep) for area of rectangle
		$(``32'' \div 4)^2 - `60'$ or					M1	for a completely correct method
		$(``16'' \div 2)^2 - `60'$						Allow 60 – area of square
		Working not required, so correct answer		4			A1	
		scores full marks (unless from obvious						
		incorrect working eg a wrong conversion)						Total 4 mark
10		$\pi \times 7.5^2$ or 3.14×7.5^2 or $\frac{22}{7} \times 7.5^2$ oe				2	M1	A correct method to find the area
		7						of the circle Students may use π or 3.14,
								3.142 or $\frac{22}{7}$ oe
		Working not required, so correct answer		177			A1	answers in range 176.6 - 177
		scores full marks (unless from obvious						
		incorrect working)						
								Total 2 mark
11		$\pi \times (18 \div 2)^2 (= 254.469)$			M1			
11		$n \sim (10 + 2) (-204.409)$	254	2	M1 A1	ac	cept 25	4 - 255
	•							Total 2 marl
12		$0.5 \times \pi \times 6^2$ (= 56.54) or 12×6 (= 72)			3	M1		
		or $\pi \times 6^2$ oe "72" - "56.54"				M1	dep N	/1 for a complete method
			15.	5		Al		to 15.5
								Total 3 mark
13		4x + 6x + 11 + 9x - 18 = 126 oe eg				4	M1	A correct equation or a correct
15		4x + 6x + 11 + 9x - 18 - 120 de eg 19x - 7 = 126 or				4	1111	calculation for x
		eg (126 + 18 - 11) ÷ 19						
								÷
		x = 7 0.5 × (0 × "7" 18) × (4 × "7")					Al	Dop on M1
		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$					M1	Dep on M1
				630				Dep on M1 cao
		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$		630			M1	cao
14	(a)	$\begin{array}{c} 0.5 \times (9 \times ``7" - 18) \times (4 \times ``7") \\ (0.5 \times 45 \times 28) \end{array}$				for a cor	M1 A1	cao Total 4 marl
14	(a)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$	158.6	630		for a cor allow 15	M1 A1	cao
14		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$				allow 15	M1 A1 nplete 1	cao Total 4 marl nethod eg rectangle ±2 triangles
14	(a) (c)	$\begin{array}{c} 0.5 \times (9 \times ``7" - 18) \times (4 \times ``7") \\ (0.5 \times 45 \times 28) \end{array}$				allow 15	M1 A1 nplete 1	cao Total 4 marl
14		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$				allow 15	M1 A1 nplete 1	cao Total 4 mark
15		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$		2		allow 15 2	M1 A1 mplete r 59 M1 A1	cao Total 4 mark method eg rectangle ±2 triangles for a correct method
14 15 16		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$	158.6	2		allow 15	M1 A1 mplete r 59 M1 A1 M1	cao Total 4 mark method eg rectangle ±2 triangles for a correct method for a complete method
15		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$	158.6	2		allow 15 2	M1 A1 mplete r 59 M1 A1	cao Total 4 marl method eg rectangle ±2 triangles for a correct method for a complete method oe
15		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$	158.6	2		allow 15 2	M1 A1 mplete r 59 M1 A1 M1	cao Total 4 mark method eg rectangle ±2 triangles for a correct method for a complete method oe
15		$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$	158.6	2		allow 15 2	M1 A1 mplete r 59 M1 A1 M1	cao Total 4 marl method eg rectangle ±2 triangles for a correct method for a complete method oe
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r 59 M1 A1 M1 A1 B1	cao Total 4 marl method eg rectangle ±2 triangles for a correct method for a complete method oe Total 2 marl
15	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$	158.6	2 12 28.5		2 2 2	M1 A1 mplete r i9 M1 A1 M1 A1	cao Total 4 marl method eg rectangle ±2 triangles for a correct method for a complete method oe
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 mark nethod eg rectangle ±2 triangles for a correct method oe Total 2 mark for a correct area of the kite – may be implied by their diagram for any rectangle
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a rectangle with their stated area of the kite
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a rectangle with their stated area of the kite
15 16 17	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$ $(Area of kite =)12$ $(14.)^{2}$	158.6	2 12 28.5		allow 15 2 2 1	M1 A1 mplete r i9 M1 A1 A1 B1 B1 B1 M1	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a rectangle with their stated area of the kite
15 16 17 18	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$	158.6	2 12 28.5		allow 15 2 2 1 3	M1 A1 mplete r i9 M1 A1 M1 A1 B1 B1 B1 A1ft	cao Total 4 marl nethod eg rectangle ±2 triangles for a correct method oe Total 2 marl for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a rectangle with their stated area of the kite Total 3 marl
15 16 17 18	(c)	$0.5 \times (9 \times "7" - 18) \times (4 \times "7")$ $(0.5 \times 45 \times 28)$ $0.5 \times (13.5 + 17) \times 10.4$ $\frac{1}{2} \times 6 \times 4 \text{ oe}$ $e.g. 0.5 \times (6 + 13) \times 3$ $(Area of kite =)12$ $(14.)^{2}$		2 12 28.5		allow 15 2 2 1 3	M1 A1 mplete r i9 M1 A1 M1 A1 B1 B1 B1 A1ft	cao Total 4 mark nethod eg rectangle ±2 triangles for a correct method oe Total 2 mark for a correct area of the kite – may be implied by their diagram for any rectangle A correct rectangle or ft for a rectangle with their stated area of

20	$17.5^2 - 14^2 (= 110.25)$	4	M1 or for use of cosine rule to find one of the angles
			$eg \ 28^2 = 17.5^2 + 17.5^2 - 2 \times 17.5 \times 17.5 \times cosA$
			or eg $\cos B = \frac{14}{1}$
			or eg $\cos B = \frac{17.5}{17.5}$
	$\sqrt{17.5^2 - 14^2}$ (=10.5)		M1 or for rearranging the cosine rule to
			eg cos $A = \frac{17.5^2 + 17.5^2 - 28^2}{2 \times 17.5 \times 17.5}$ (A = 106.26)
			eg cos $A = \frac{106.26}{2 \times 17.5 \times 17.5}$ ($A = 106.26$)
			or eg $B = \cos^{-1}(\frac{14}{17.5})$ (= 36.86)
			17.5
	$0.5 \times 28 \times "10.5"$ oe		M1 or for $0.5 \times 17.5 \times 17.5 \times \sin 106.26$ oe
			eg $0.5 \times 17.5 \times 28 \times \sin 36.86$
			[clear use of Heron's formula:
			M1 for $S = 0.5(17.5 + 17.5 + 28)(=31.5)$
			M2 for $\sqrt{"31.5"("31.5"-17.5)^2("31.5"-28)}$ oe]
		147	A1 accept awrt 147
			Total 4 marks

21	$\frac{1}{2} \times 7 \times h = 42 \text{ oe or } (h =) \frac{42 \times 2}{7} (= 12) \text{ oe or}$ 3.5 ² + h ² = y ² or h = $\sqrt{y^2 - 3.5^2}$ oe		4	M1	A correct equation involving the height or a correct expression for height – could be in terms of y
	$y^{2} = \left(\frac{7}{2}\right)^{2} + ("12")^{2}$ oe or $\frac{1}{2} \times 7 \times "\sqrt{y^{2} - 3.5^{2}} " = 42$ oe			M1	(indep) use of <i>their</i> height (any found value that they have called 'height')
	$y = \sqrt{\left(\frac{7}{2}\right)^2 + ("12")^2}$ oe			M1	all values must come from a correct method
	Correct answer scores full marks (unless from obvious incorrect working)	12.5		A1	oe eg $\frac{25}{2}$
					Total 4 marks

22 $\sin 52 = \frac{12 \div 2}{r}$ or $\frac{r}{\sin 90} = \frac{6}{\sin 52}$ or or $\cos(90-52) = \frac{12 \div 2}{r}$ or or $(r^2 =)(12 \div 2)^2 + \left(\frac{12 \div 2}{\tan 52}\right)^2$ or $[r^2 = 6^2 + 4.687^2]$ or $\frac{r}{\sin 38} = \frac{12}{\sin 104}$ or $r = \frac{6}{\cos 38}$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2}$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2$ $[r = \sqrt{6^2 + 4.687^2}]$ or or $(2 \div 2)^2 + (12 \div 2)^2 + (12 \div 2)^2$ $[r = \sqrt{6^2 + 4.687^2}]$ $[r =$						
$r = \frac{6}{\sin 52} (=7.614) \text{ oe}$ or $r = \frac{6}{\cos 38} \text{ oe}$ or $(r =)\sqrt{(12 \div 2)^2 + (\frac{12 \div 2}{\tan 52})^2} [r = \sqrt{6^2 + 4.687^2}] \text{ oe}$ $r = \sqrt{12 \sin 38} \text{ oe}$ $(Area =) \pi \times ("7.61")^2$ $M1 the radius must come from a completely correct method completely correct met$	or cc or (7	$\cos(90 - 52) = \frac{12 \div 2}{r} \text{ oe}$ $r^{2} = \left(12 \div 2\right)^{2} + \left(\frac{12 \div 2}{\tan 52}\right)^{2} \text{ oe } \left[r^{2} = 6^{2} + 4.687^{2}\right]$		4	MI	radius use of tan must also include a
(Area =) $\pi \times ("7.61")^2$ M1 the radius must come from a completely correct method Correct answer scores full marks (unless from obvious incorrect working) 182 A1 Accept 181 - 183	$r = -\frac{1}{s}$ or r or (r	$\frac{6}{\sin 52} (=7.614) \text{ oe}$ $= \frac{6}{\cos 38} \text{ oe}$ $r = \sqrt{(12 \div 2)^2 + \left(\frac{12 \div 2}{\tan 52}\right)^2} \left[r = \sqrt{6^2 + 4.687^2}\right] \text{ oe}$ $\frac{2\sin 38}{\cos 2} \text{ oe}$			M1	radius of the circle use of tan must also use Pythagoras to find an expression
Correct answer scores full marks (unless from obvious incorrect working) 182 A1 Accept 181 - 183					M1	
		5	182		A1	
		<i>C</i>				Total 4 marks

23	$(54, 24) \div 2$ (-15) [may be marked on discrem]		5	M1		
23	$(54-24) \div 2$ (=15) [may be marked on diagram] " $15"^2-(24 \div 2)^2 (=81)$		5	M1 M1	ft their "15" (if > 12)	
	$[\text{height} =] \sqrt{"15"^2 - (24 \div 2)^2} (= 9)$			M1	ft their "15" (if > 12)	
	(24×"9")÷2 oe			M1	figures must be from correct working	
	Correct answer scores full marks (unless from obvious incorrect working)	108		A1	allow 107.9 – 108.1	
	ALTERNATIVES BELOW				Total 5 marks	
23	$(54-24) \div 2 (=15)$ [may be marked on diagram]		5	M1		
	or $x = \cos^{-1}\left(\frac{"12"}{"15"}\right) (= 36.86)$			M1	ft their "15" (if > 12)	
	or $y = \sin^{-1} \left(\frac{24 \div 2}{"15"} \right) (= 53.13)$				[using Hero's formula S = 0.5 \times 54 (= 27) and]	
	or $A = \cos^{-1}\left(\frac{15^2 + 15^2 - 24^2}{2 \times 15 \times 15}\right) (=106.2)$				27 × (27 – 24) × (27 – "15") × (27 – "15")	
	or $B = \cos^{-1} \left(\frac{15^2 + 24^2 - 15^2}{2 \times 15 \times 24} \right) (= 36.8)$					
	or "12"tan"36.86" (= 9) (allow 8.9 for these)			M1	ft M2 for	
	"12" ÷ tan"53.13" (= 9)				their $0.5 \times 24 \times "15" \times \sin"36.86"$ or	
	or "15" × sin "36.86" (= 9)				"15" $0.5 \times 15" \times 15" \times \sin(2 \times 53.13)$ or	
	or "15" $\times \cos$ "53.13" (= 9)				(if> $0.5 \times "15" \times "15" \times \sin("106.2")$ or	
	(24×"9")÷2 oe			M1	$\frac{12)}{\sqrt{27"(27"-24)(27"-15")(27"-15")}}$	
	Correct answer scores full marks (unless from	108		A1		
	obvious incorrect working)					
					Total 5 marks	

24	$\frac{1}{2}(330+170) \times 240 (= 60\ 000)$ oe or		4	M1 for working out the area of the trapezium
	$\left(\frac{80 \times 240}{2}\right) + (170 \times 240) + \left(\frac{80 \times 240}{2}\right) (= 60\ 000) \text{ oe or}$ $(2 \times 9600) + 40\ 800\ (= 60\ 000) \text{ oe}$			
	$\begin{bmatrix} 60\ 000 \end{bmatrix} \div 10\ 000\ (= 6) \text{ or} \\ 10\ 000 \times 6\ (= 60\ 000) \end{bmatrix}$			M1 ft their area (must come from a two dimensional area) Allow their area 10 000
	49 650 ÷ [6]			M1 dep on either previous M1 ft their number of hectares Allow 49 650 their number of hectares
	Correct answer scores full marks (unless from obvious incorrect working)	8275		Al
				Total 4 marks