



Alba Mathematics
Course Revision Task 2
Hint Sheet



Note on your evaluation sheet if you have used one of these hints		
Question	Topic	Hint
1	Straight line equations	Use gradient formula first
2	Repeat percentage	Identify the multiplier above 100%
3a	Surds	Use $\sqrt{(25 \times 2)}$ at some stage
3b	Working with Indices	Add indices when multiplying
4	Trig identity	Use FOIL first
5	Simultaneous equations	“Scale” to eliminate y
6	Discriminant	Identify a , b and c
7	Volume of sphere	Remember to round answer
8	Complete the square	$a = 4$
9	Function substitution	Substitute x with $2p$
10	Establish quadratic equ ⁿ	Substitute $(0,3)$ into equation

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