



Alba Mathematics
Course Revision Task 8
Hint Sheet



Note on your evaluation sheet if you used one of these hints		
Question	Topic	Hint
1	Simplifying surds	Circle $\sqrt{3}$ term and simplify others
2	Quadratic equations	“Decimal place” means quadratic formula
3	Function and Indices	Evaluate after substituting $x = \frac{2}{3}$
4	Solving Trig Equations	Rearrange into $\tan x =$ then use CAST
5	Change subject of formula	Multiply both side by 4
6	Trigonometric Graphs	The amplitude is not 3.
7	Simultaneous Equations	Be careful with negative when scaling
8	Vector Magnitude	Remember to simplify surd
9	Area of triangle (trig)	Use $\sin x = \sin (180 - x)$
10	Reverse Percentage	New bar = 78% of old bar.