



Alba Mathematics
Course Revision Task 7
Hint Sheet



Note on your evaluation sheet if you used one of these hints

Question	Topic	Hint
1	Trig. Graphs	a is the amplitude
2a	Form an equation	5 is not used in this equation
2b	Form a 2 nd equation	5 is not used in this equation
2c	Simultaneous Equations	Scale and eliminate
3	Quadratic Formula	Identify four values of a , b , $(-b)$ and c .
4	Percentages	15% reduction = 85% paid
5	Calculate angle in non-RAT	All 3 sides given.
6	Trig. Equations	Rearrange and use CAST.
7	Gradient using 2 points	Substitute into gradient formula
8	Functions; Indices	Law of indices with fractional index
9	Rationalise Denominator	Simplify after rationalising
10	Algebra Fractions	Use diff. of 2 squares in denominator