



Alba Mathematics
Course Revision Task 10
Hint Sheet



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

Question	Topic	Unit			Hint
		APP	E&F	R&C	
1	Solving Log Equations		✓		Standard laws of logs- simplify Log_{ba} first.
2	Straight Line - Altitude	✓			Find m_{AC} then $m_1 m_2 = -1$
3	Angle between vectors		✓		Scalar Product in the form $\text{Cos } \theta = \dots$
4	Trig exact values		✓		Trig identities with right angled triangle
5	Recurrence relations - Limit	✓			Explain limit condition
6	Trig Identities		✓		Basic Trig identities
7	Differentiation			✓	Find $f'(x)$ then substitute
8	Sketching related graphs		✓		For $h(2x)$ think $y = \text{Sin}2x$.
9	Further differentiation - trig			✓	Basic further differentiation
10	Sketching related graphs		✓		One point on the graph is (5, 0)