



Alba Mathematics  
Course Revision Task 3  
Hint Sheet



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

Question	Topic	Unit			Hint
		APP	E&F	R&C	
1	Sketch $f'(x)$		✓		Curve increasing $\Rightarrow f'(x)$ above axis....
2	Equation of tangent to curve			✓	Equate gradients for point of contact
3	Polynomials			✓	Remainder Theorem
4	Differentiation	✓			Max & Min values
5	Trig Formula / exact values		✓		Formula sheet expansions
6	Perpendicular vectors		✓		$\underline{u} \cdot \underline{v} = 0$
7	Recurrence Relations	✓			Statement and use of limit formula
8	Wave Function		✓		Use addition formula
9	Logarithms		✓		Substitute with basic log rules
10	Trig Equation / Identities			✓	Work towards a quadratic type expression