



Alba Mathematics
Course Revision Task 6
Hint Sheet



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

Question	Topic	Hint
1	Vector addition; Simultaneous Equations	Vector addition gives 2 equations
2	Algebraic fractions	Use a diff. of 2 squares in numerator
3	Trig. using bearings	Draw diagram then use cosine rule
4	Change subject of formulae	Multiply both sides by L
5	Trig Identities	Use $\tan x = \frac{\sin x}{\cos x}$
6a	Standard Deviation	Find $\sum(x - \text{mean})^2$
6b	Comparing Distributions	Standard Deviation = consistency
7	Algebraic Expressions	Multiply 2 nd bracket by 3x first
8a	Turning point of Quadratic Graphs	Complete the square
8b	Quadratic Graphs	Read from x – coordinate from above
9	Scientific Notation Calc.	Multiply
10	Volume of Solids	Remember to round answer