Solving simple vector problems	94
Name:	MATHS-SCHOOL naths-school.co.uk
Find the following vectors in terms of $m{a}$ and $m{b}$	
a) \overrightarrow{AC} b) \overrightarrow{CB} C A B $i) \overrightarrow{DF}$ $j) \overrightarrow{FG}$ D	a b G
c) \overrightarrow{KI} A	a b N
e) \overrightarrow{HG} f) \overrightarrow{JG} H H H H H H H	A A A A A A A A A A
g) \overrightarrow{AC} h) \overrightarrow{CB} D 2b o) \overrightarrow{RT} p) \overrightarrow{TS}	a R b S T
g) \overrightarrow{VX} \overrightarrow{V} \overrightarrow{Zb} \overrightarrow{W} o) \overrightarrow{DA}	a + b b c d
Exam question: Consider the triangle ABC shown. $\overrightarrow{AB} = \mathbf{a} + \mathbf{3b}$ and $\overrightarrow{AC} = \mathbf{4a} - \mathbf{2b}$ Work out \overrightarrow{BC} in terms of \mathbf{a} and \mathbf{b} in its simplest form	