



ALBA MATHEMATICS
Course Revision Task 4
Answers



Quest.	App	E & F	Rel.	Answer
1			✓	Proof based on $\frac{\sin x}{\cos x} = \tan x$
2	✓			$3\mathbf{u} - 2\mathbf{v} = \begin{pmatrix} 7 \\ -9 \\ 0 \end{pmatrix}$
3			✓	$y = 4x + 17$
4		✓		32
5		✓		$x^3 - 12x^2 + 48x - 64$
6			✓	$x = -3$
7			✓	Volume = 324cm^3
8		✓		$(x + 3)^2 - 20$
9		✓		$3\sqrt{2}$
10			✓	$y = 4\sin 2x^\circ$