Question	Working	Answer	Mark	Notes
22	eg $\overrightarrow{EX} = \overrightarrow{ED} + \overrightarrow{DC} + \overrightarrow{CX}$ or $\overrightarrow{EX} = \overrightarrow{EF} + \overrightarrow{FA} + \overrightarrow{AX}$		4	M1 a correct statement for $\overrightarrow{EX}$
	$\overrightarrow{DC} = -\mathbf{b} + \mathbf{a}$ or $\overrightarrow{CX} = -\mathbf{b} + \mathbf{a}$ or $\overrightarrow{FA} = -\mathbf{b} + \mathbf{a}$			M1
	$\overrightarrow{EX} = \mathbf{a} + 2(-\mathbf{b} + \mathbf{a})$			M1 for a complete method which gives a correct but unsimplified expression for $\overrightarrow{EX}$
		$3\mathbf{a} - 2\mathbf{b}$		A1