7	**(a)**		$\mathbf{v} = (7\mathbf{i} + 6\mathbf{j}) + 3(-4\mathbf{i} + 2\mathbf{j})$	**M1***	**3.3**	Applies $\mathbf{v} = \mathbf{u} + \mathbf{a}t$	Or complete method via integration
			$\mathbf{v} = -5\mathbf{i} + 12\mathbf{j}$	**A1**	**1.1**		
			$\lvert\mathbf{v}\rvert^2 = \lvert-5\mathbf{i} + 12\mathbf{j}\rvert^2 = (-5)^2 + 12^2$	**M1dep***	**1.1**	Attempts speed or speed squared	
			Speed = 13 (m s^{-1})	**A1**	**1.1**	If both $-5\mathbf{i} + 12\mathbf{j}$ and 13 stated as the answer, then A0	
				[4]			
7	**(b)**		$\mathbf{s} = 3(7\mathbf{i} + 6\mathbf{j}) + \frac{1}{2}(-4\mathbf{i} + 2\mathbf{j})(3)^2$	**M1**	**3.3**	Applies $\mathbf{s} = \mathbf{u}t + \frac{1}{2}\mathbf{a}t^2$	Or other complete *suvat*/integration method with their **v**
			$= 3\mathbf{i} + 27\mathbf{j}\,(\text{m})$	**A1**	**1.1**	ISW (e.g. if finding modulus as well)	
				[2]			