5	The position vector \mathbf{r} metres of a particle at time t seconds is given by		
	$\mathbf{r} = (1 + 12t - 2t^2)\mathbf{i} + (t^2 - 6t)\mathbf{j}.$		
	(i)	Find an expression for the velocity of the particle at time t .	[2]
	(ii)	Determine whether the particle is ever stationary.	[2]