8	In this question $\begin{pmatrix} 1 \\ 0 \end{pmatrix}$ and $\begin{pmatrix} 0 \\ 1 \end{pmatrix}$ denote unit vectors which are horizontal and vertically upwards respectively.	
	A particle of mass 5 kg, initially at rest at the point with position vector $\binom{2}{45}$ m, is acted or	on by gravity and
	also by two forces $\binom{15}{-8}$ N and $\binom{-7}{-2}$ N.	
	(i) Find the acceleration vector of the particle.	[3]
	(ii) Find the position vector of the particle after 10 seconds.	[3]