7	In this question the x - and y -directions are horizontal and vertically upwards respectively and the origin is on horizontal ground.	
	A ball is thrown from a point 5 m above the origin with an initial velocity $\binom{14}{7}$ m s ⁻¹ .	
	(a) Find the position vector of the ball at time ts after it is thrown.	[3]
	(b) Find the distance between the origin and the point at which the ball lands on the ground.	[3]