10	A particle P is moving in a straight line. At time t seconds P has velocity $v = (2t+1)(3-t)$.	where
	(a) Find the deceleration of P when $t = 4$.	[2]
	(b) State the positive value of t for which P is instantaneously at rest.	[1]
	(c) Find the total distance that P travels between times $t = 0$ and $t = 4$.	[3]