24	$(v =)\ 12t^2 - 27\ (= 0)$		5	M1	Correct differentiation
	$t^2 = \frac{27}{12}\ \ (= \frac{9}{4})$ oe **or** $(3)(2t + 3)(2t - 3)\ (= 0)$			M1	dep M1 first stage to solve $v = 0$ by rearranging, factorising, quadratic formula, or completing the square
	$\sqrt{\frac{9}{4}}$ oe $(= \frac{3}{2})$ **or** $\pm\sqrt{\frac{9}{4}}$ oe $(= \pm\frac{3}{2})$			A1	Correct value of t (allow $\pm$)
	$(a =)\ 24t$			M1	dep 1st M1 for differentiating v
		36		A1	correct answer
					Total 5 marks