

3	(a)	$V = at + b$ $2375 = 6a + b, 2825 = 12a + b$ $V = 75t + 1925$	M1* M1dep* A1 [3]	3.3 3.1a 1.1	Using a linear model to set up two equations with the values given Solving their two equations to find a linear model, possibly BC cao	Or: correct attempt to find gradient Using <i>their</i> gradient to find a linear model
3	(b)	When $t = 0, V = 1925$ Compare <i>their</i> “1925” with 1900 and make a sensible comment about whether the straight-line model in part (a) is supported or not	B1ft B1ft [2]	3.4 3.5a	Uses model and states initial investment is their ‘ b ’	Only ft a linear model from part (a)