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(b) The numerical solution can be implemented as

(0)	2	19.62	68.1	12.5
(2)	0	9.81	= ] ]	[ [ v = + - (19.62) 2
6.2087	68.1	12.5	(4)	19.62 9.81   = ] ]
[ [ v = + -	The computation can be continued and the results summarized and plotted as:			
t	v	dv/dt	0	0 9.81 2
19.6200	6.2087	4	32.0374	3.9294 6
39.8962	2.4869	8	44.8700	1.5739

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