

Answers to Suvat

1	1.5 ms^{-2} 75m
2	0.55 ms^{-2} 6.67 ms^{-1}
3	-1.12 ms^{-2} 31.25 secs
4	5 secs 0.8 ms^{-2}
5	75m
6	45 ms^{-1} 2175m
7	30m
8	4 ms^{-1}
9	300m 20secs
10	(a) 1820m (b) 104 secs (c) 17.5 ms^{-1}
11	2.5m before the tree
12	31500 ms^{-2} 0.0067 secs