

Question number	Answer	Notes	Marks
3 (a)	(stopping distance =) thinking distance + braking distance	Could be reversed	1
(b)	Any two of:  as speed increases / car goes faster, the (thinking/braking/stopping) distance increases;  as thinking distance increases so does braking distance;  difference in pattern between thinking/braking distances identified; e.g: increase in thinking distance < increase in braking distance / increase in thinking distance is linear or proportional / increase (in braking / stopping) is non linear / WTTE	Ignore references to time    Allow use of values from graph  Reject: thinking distance proportional to braking distance	2
(c)	30 (m)	ALLOW any value from 28 to 32 m	1