

Graphing Assignment

Plot each graph, 2 using Excel and 2 using graph paper provided (on reverse). Be sure to properly label axes, title, etc. and find the slope of each graph (show your work).

1) Velocity of slowing motorcycle C (v vs. t) Calculate slope to find acceleration

time (sec)	0	3	6	9	12	15	18
vel. (m/s)	35	32	27	20	12	3	0



2) Distance covered by Car B (d vs. t) Calculate slope to find velocity

time (sec)	0	2	4	6	8	10	12
dist. (m)	0	6	12	18	24	27	30

3) Heating curve of compound A (d vs. t)

time (min)	0	1	2	3	4	5	6	7	8	9	10
temp. (C)	10	12	13	15	17	19	23	24	26	28	31



4) Acceleration of Sloan's Jetta

time (s)	0	2	4	6	8	10	12	14	16
velocity (m/s)	2	5	11	17	23	30	35	40	45

