

For each of the sets of data given, straighten the curve and write the equation of the line. Plot the data in the left hand column on the x-axis. On each sheet of graph paper plot the graph of your original data and the graph of the manipulated data.

1.	<u>time (s)</u>	<u>distance (cm)</u>
	3.8	0.63
	5.1	1.17
	6.0	1.68
	7.3	2.39
	8.1	2.97
	9.1	3.44
	9.2	3.74

2.	<u>length (cm)</u>	<u>time (s)</u>
	10.0	0.63
	20.0	0.88
	30.0	1.10
	40.0	1.25
	50.0	1.42
	60.0	1.57
	70.0	1.69
	80.0	1.77

3.	<u>x</u>	<u>y</u>
	1.0	26.0
	2.0	13.0
	3.0	8.7
	4.0	6.5
	5.0	5.2
	6.0	4.3
	7.0	3.7
	8.0	3.3

