lame			

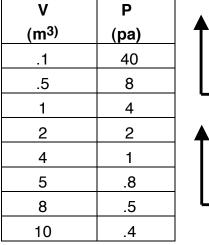
Period\_\_\_\_Date\_\_\_\_

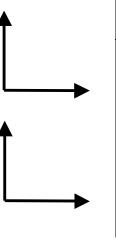
N

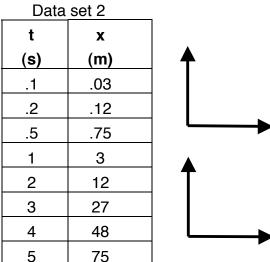
## **UNIT I Worksheet 1: GRAPHING PRACTICE**

For each data set below, determine the mathematical expression. To do this, first graph the original data. Assume the 1st column in each set of values to be the **independent** variable and the 2nd column the **dependent** variable. Then taking clues from the shape of the first graph, modify the data so that the modified data will plot as a straight line. Using the slope and y-intercept from the linear fit, write an appropriate mathematical expression for the relationship between the variables. Be sure to include units!

|--|



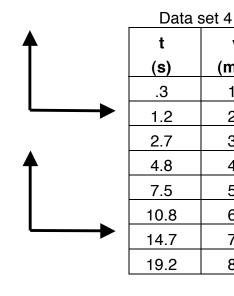


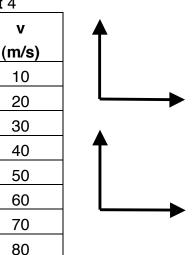


Mathematical expression #1

Mathematical expression #2

Data set 3 W Α (months) (lbs) 7.3 1 2 9.4 3 10.5 4 12.0 5 13.0 6 14.3 7 15.2 8 16.7



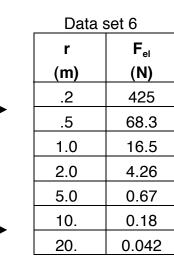


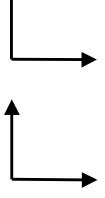
Mathematical expression #3

Mathematical expression #4

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Data set 5		
R	т	
(a.u.)	(yr)	
.38	.24	
.72	.62	
1.00	1.00	
1.52	1.88	
5.19	11.9	
9.53	29.5	
19.1	84.1	
30.0	165	
39.4	249	





Mathematical expression #5

Mathematical expression #6

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