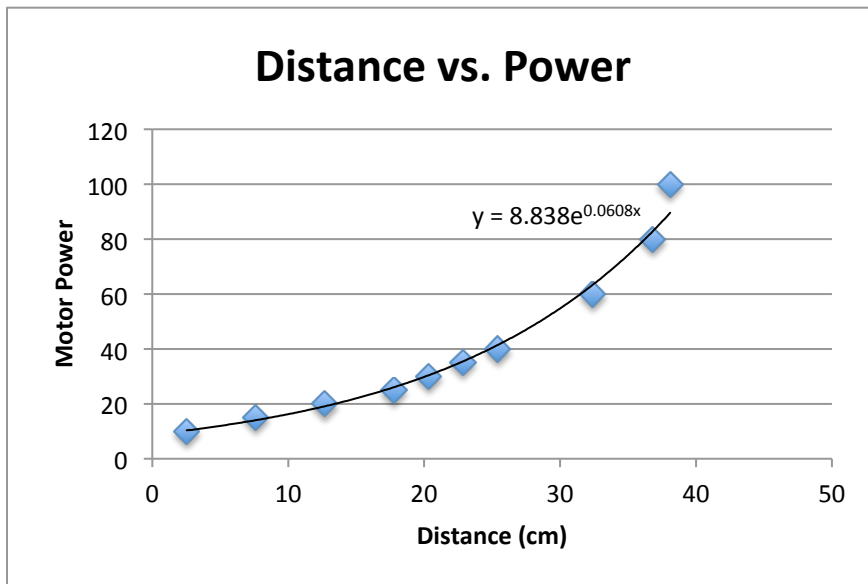


Motor Power	distance (in)	distance(cm)
0	0	0
10	1	2.54
15	3	7.62
20	5	12.7
25	7	17.78
30	8	20.32
35	9	22.86
40	10	25.4
60	12.75	32.385
80	14.5	36.83
100	15	38.1



Relationship:  
 $\text{Power} = 8.838e^{(0.0608(\text{distance}))}$