

# Spring Force Activity

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# 1 Observations

Table 1: Force and Displacement Data for Spring One

Force (N)	Mass (g)	Displacement (mm)
1.962	200	2.2
3.924	400	10.3
4.905	500	14.6
5.886	600	19.1
6.867	700	24.6
7.848	800	28.1
10.791	1100	38.9

Table 2: Force and Displacement Data for Spring Two

Force (N)	Mass (g)	Displacement (mm)
200	1.962	0.3
400	3.924	0.45
600	5.886	0.8
800	7.848	1.3
1000	9.81	1.9
1200	11.772	2.4
1400	13.734	2.9
1600	15.696	3.5
1800	17.658	4.1
2000	19.62	4.6