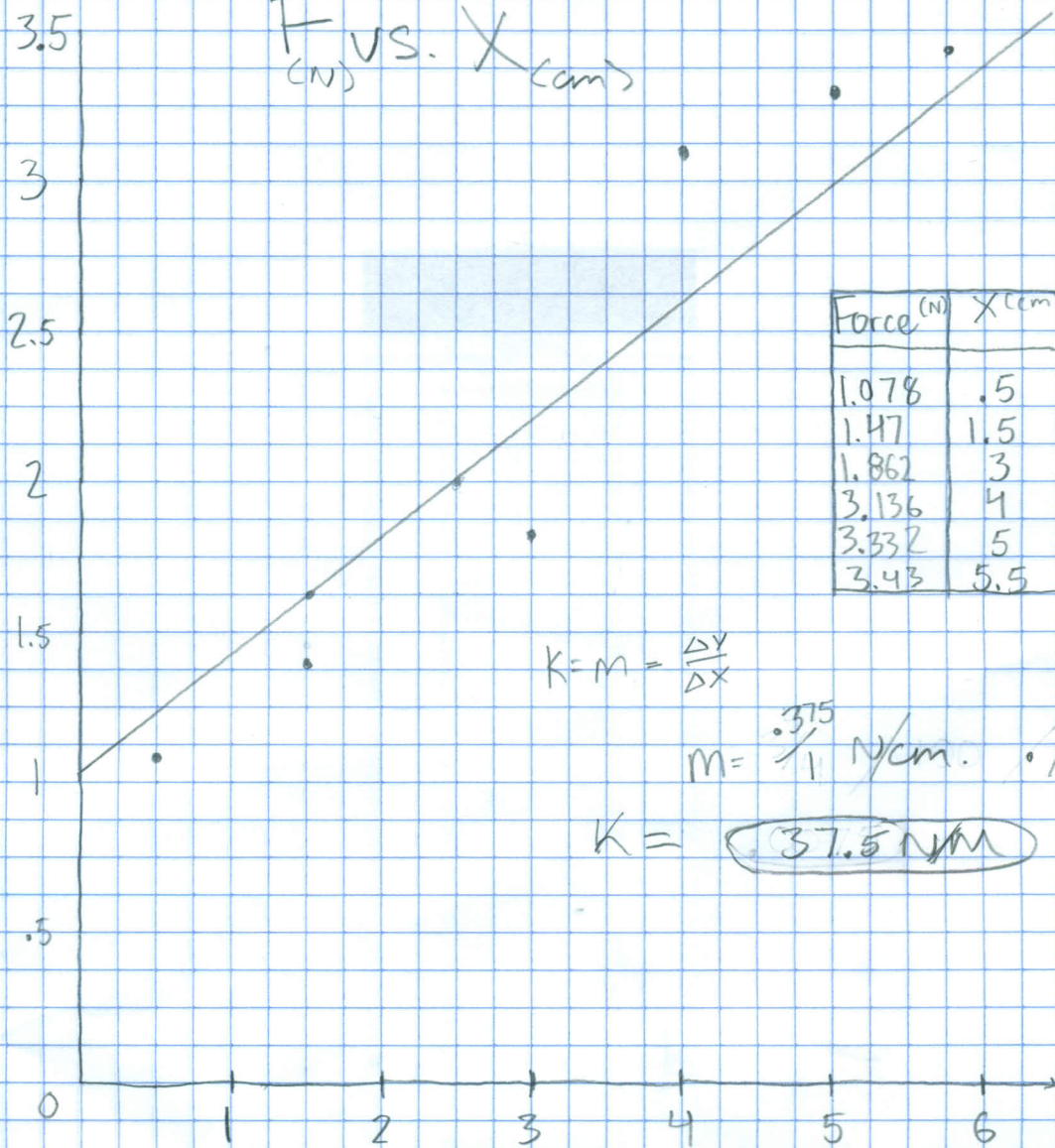


F vs. X
(N) vs. (cm)

Force
(N)



Force (N)	X (cm)
1.078	.5
1.47	1.5
1.862	3
3.136	4
3.332	5
3.43	5.5

$$K = M = \frac{\Delta Y}{\Delta X}$$

$$M = \frac{.375}{1} \text{ N/cm} \cdot 100$$

$$K = \text{37.5 N/m}$$

Displacement (cm)

