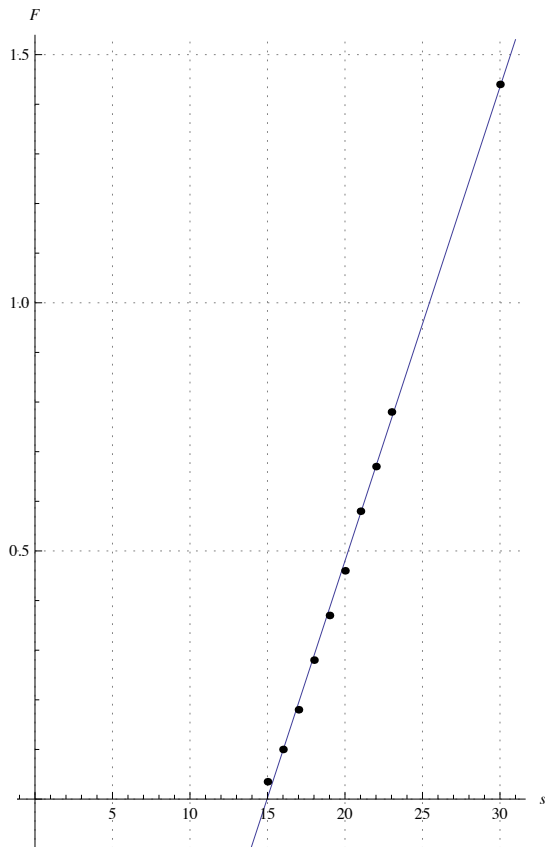


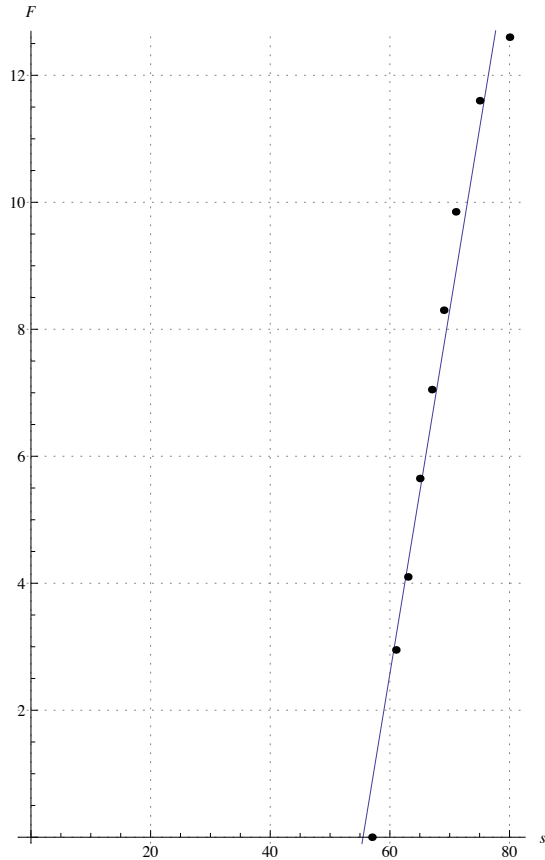


Spring 1

#	s/cm	F/N
1	15	0.035
2	16	0.1
3	17	0.18
4	18	0.28
5	19	0.37
6	20	0.46
7	21	0.58
8	22	0.67
9	23	0.78
10	30	1.44

$$y = 0.0954737 x - 1.42952$$

Hence $k = \dots\dots\dots$ N/m



Spring 2

#	s/cm	F/N
1	57	0
2	61	2.95
3	63	4.1
4	65	5.65
5	67	7.05
6	69	8.3
7	71	9.85
8	75	11.6
9	80	12.6

$$y = 0.572839 x - 31.7985$$

Hence $k = \dots\dots\dots$ N/m