

Data	
Mass added (kg)	0.2000
Mass of the Beam (kg)	0.1967
Length of the chain (m)	0.7650
Length of the Beam (m)	0.4560
Height (m)	0.5320

Data points	X-Values (m)	T(x) Calculated (N)	T(x) Measured (N)	%difference
1	0.426	3.998764664	4.01	0.280576003
2	0.374	3.682668854	3.73	1.277033874
3	0.324	3.378730575	3.45	2.087340375
4	0.273	3.06871353	3.2	4.188625601
5	0.223	2.764775251	2.91	5.118255527
6	0.172	2.454758206	2.63	6.892827014
7	0.12	2.138662396	2.37	10.26191733
8	0.07	1.834724117	2.15	15.82422641
9	0.02	1.530785838	1.87	19.94916341

