

Fall 201 Bridge Testing Results

Period	Group	Wt	Force	Force	Strength/Wt
		g	lb f	N	N/g
1	1	31.7	132	587.4	18.5
1	2	28.2	84	373.8	13.3
1	3	52.3	108	480.6	9.2
1	4	29.6	144	640.8	21.6
1	5	40.5	76	338.2	8.4
				0	
3	1	43	116	516.2	12.0
3	2	39.5	432	1922.4	48.7 double rail
3	3	47	108	480.6	10.2
3	4	29.3	160	712	24.3
3	5	45.9	152	676.4	14.7
3	6	39.8	160	712	17.9

1 lb f = 4.45 N