







**DER GRADED**

**(ft) (in)**

20 9  
 20 0  
 17 11  
 17 7  
 17 2  
 17 2  
 17 1  
 16 5  
 16 3  
 16 1  
 15 9  
 15 7  
 15 6  
 15 4  
 15 4  
 14 7  
 14 6  
 14 6  
 14 3  
 14 1  
 13 8  
 12 9  
 12 4  
 11 9  
 10 7  
 9 4  
 9 0  
 8 4  
 3 6  
 0 0  
 0 0

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**Gender Factor Data**

(added to male height to get female height)

(ft)	(in)	(m)
3	6	1.07

**Age Factor Table Data**

( [www.howardgrubb.co.uk/athletics/wmalookup06.html](http://www.howardgrubb.co.uk/athletics/wmalookup06.html))

Age	Male	Female
10	1.6700	1.7500
11	1.5900	1.7000
12	1.5000	1.6500
13	1.3323	1.6000
14	1.2403	1.5015
15	1.1732	1.3446
16	1.1234	1.2262
17	1.0863	1.1419
18	1.0586	1.0752
19	1.0380	1.0279
20	1.0149	1.0000
21	1.0033	1.0000
22	1.0000	1.0000
23	1.0000	1.0000
24	1.0000	1.0000
25	1.0000	1.0000
26	1.0000	1.0000
27	1.0000	1.0000
28	1.0000	1.0000
29	1.0000	1.0000
30	1.0000	1.0218
31	1.0076	1.0362
32	1.0152	1.0510
33	1.0230	1.0663
34	1.0310	1.0819
35	1.0390	1.0981
36	1.0515	1.1147
37	1.0643	1.1319
38	1.0774	1.1496
39	1.0908	1.1678
40	1.1046	1.1866
41	1.1187	1.2061
42	1.1332	1.2262
43	1.1481	1.2470
44	1.1634	1.2685
45	1.1791	1.2907
46	1.1952	1.3138
47	1.2118	1.3377



95	4.0933	6.0588
96	4.3857	6.0588
97	4.7231	6.0588
98	5.1166	6.0588
99	5.5818	6.0588
100	6.1400	6.0588