

Measuring Distances

(A) Determining length of pace

Dist. (m)	Dir.	Paces (N)
50	N	71
50	S	70
50	N	72
50	S	71
50	Average	71

$$50 \div 71 = 0.70 \text{ m/pace}$$

(B) Checking pace over terrain


$$\text{Tree to tree} = 132 \text{ paces}$$

$$132 \times .70 = 92.4 \text{ m}$$

$$\text{Measured distance} = 88.26 \text{ m}$$

$$\text{Error due to terrain} = +4.7\%$$

by Pacing

NW of Keller Hall
 28 August 1999
 Hot and dry
 W. Ooolittle 
 D. Beckham ϕ
 P. Spice ϕ

