Determine Your Pace Length

Pacing is a useful way to estimate a distance in the field without the need for measuring equipment. In this exercise you will determine for each member of your patrol their pace distance then as a patrol determine a distance by pacing. Use the data sheet below to record each scouts pace length. Then as a patrol walk the course and record each scouts paces. As a patrol estimate the course length. Closest to the actual length wins.

1. Layout a 100' course.
2. Walk the course 4 times recording the number of paces on the data sheet. NOTE: a pace is **two steps**. Walk with a normal stride. For example:

20 + 21 + 20 + 20 = 81 (Total paces)

1. On the data sheet divide total paces by 400' to determine average pace. For example

Total paces 400' ÷ 81 = 4.9 feet/pace

1. Determine the unknown distance by pacing. Record on the data sheet. For example:

34 paces X 4.9 feet/pace = 167 feet

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| Name | Paces in 400’ | Pace length | Paces on the course | Course Length |
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Course Length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_