

Spring Creek Park Compass Course Instruction

This orienteering course is roughly 2 kilometers in length that lies in the north end of Spring Creek Park. It is made up of twelve markers and each marker is a wooden post two and a half feet tall buried in the ground. Given the bearings and distances, find all the posts in order for the first post to the twelfth post.

In order to measure distances between the markers, you must find how many feet long one of your paces are.

- Walk between the lines of the first two parking spaces (which are the two handicapped spaces) and count the amount of paces between the first and last lines.
- Take that number and divide it by 24 (the distance between the lines), which will give you your paces per foot.
- To find the amount of paces between posts, multiply the number you just calculated by the distance in feet.
- Simply walk that many paces to the next post.

To find the direction to the next marker:

- Hold your field compass level to the ground and twist the dial so that your bearing is aligned with the front of your compass.
- Once you have your bearing dialed in, rotate your compass so that the red arrow on the dial has the red part of the compass needle within it.
- Then, walk in the direction that the front of the compass is pointing.

This course is a beginner to intermediate course. The markers are visible within ten feet and the course does not cross the road. The course begins with this sign.

If you would like a copy of this sheet or the course sheet (see right), visit Troop 469's website at:

<http://www.Troop469.org>

A very special thanks to:

*Troop 469
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Paces per two parking spaces: _____

Paces / foot (Divide by 24): _____

$$\text{Paces} = \text{Distance} \times \text{Paces per foot}$$

	Bearing	Distance* (feet)	Paces
1.	318°	500	_____
2.	166°	342	_____
3.	40°	790	_____
4.	357°	454	_____
5.	90°	436	_____
6.	175°	464	_____
7.	247°	328	_____
8.	142°	198	_____
9.	286°	258	_____
10.	177°	292	_____
11.	146°	701	_____
12.	319°	726	_____

* Total Distance = 5489 feet