

PROBLEM OF THE MONTH

OCTOBER/NOVEMBER 2011

DIRECTION OF TRAVELING

The city of Orange is arranged in a 10 block grid. There is a park that covers 2 blocks of the city, and it is located on the 4th and 5th blocks from the west side of the city and 3rd block from the south side. There are no roads through the park. A car starts at the southwest corner of the city and can go either north or east at each intersection.

How many ways are there for the car to reach the northeast corner?

For contest rules and prize information see the Problem of the Month display on the first floor. Copies of problems are available in the student lounge on the third floor. Contact Dr. Kaczowski (kaczks@math.sc.edu) or Brett Barwick (barwicjb@mailbox.sc.edu) for more details.

Solutions due in LC 411 by November 17th.