Number spiral diagonals

Starting with the number 1 and moving to the right in a clockwise direction a 5 by 5 spiral is formed as follows:

```
 21  22  23  24  25
 20   7   8   9  10
 19   6   1   2  11
 18   5   4   3  12
 17  16  15  14  13
```

It can be verified that the sum of the numbers on the diagonals is 101.

Write a program that, given an odd number \( n \), calculates the sum of the numbers on the diagonals in a \( n \) by \( n \) spiral formed in the same way.

*(Project Euler #28)*