Homework Assignment Number 15 for Calc2 (Fall 2012, Rutgers(NB), Dr. Z.) (sections 1-3,7-9)

Assigned: Monday, Nov. 12, 2012 (new date because of Sandy)

Due: Tue., Nov. 20, 2012 [brought to the exam and subject to inspection, collected the following week]

"Calculus" 2nd ed. by Jon Rogawski, section **10.6** (pp. 589-590)

1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 25, 29, 35, 37, 45

Note added Nov. 10, 2012: this is a new version. The previous version had #61 that is hereby cancelled.

Note added Nov. 15, 2012: Rob Casales pointed out that the answer to #17 at the back of the book is wrong. The right answer is $(-\infty, \infty)$.

(There was probably a typo in the question if it would have been $\sum_{n=0}^{\infty} \frac{(2n)!}{n!^2} x^n$ then the answer would fit. (but deciding the endpoints would be beyond the scope of this class).