Turn in starred problems, and only those, Wednesday 09/14/2016.

Multiple-page homework must be STAPLED when handed in.

Section 4.2:

- 1 (a), (d), (e), *(f), (g), *(j)
- 2 (b), (d), *(g)
- 7 (a), *(e), (i), (j)

Exercises from the *Notes on Power Series* posted on the web page:

- 2 (a), (b), (c), (d), *(e), (f), *(h)
- 3 *(a)

Hints and remarks: For the problems of 4.2.1 I find it best to use the ratio or root test directly to determine for what values of x the series converges, rather than use the formulas (7a) or (7b). These work but some care is needed; for some problems you will need to use the trick of Example 4.