Choose from the following for a total of 10 points (you may do more and try to collect extra points).

- *(3 each)* Exercises 7.33 (a,d,g,j), 7.36 (a,c,e,g,i), 7.68 (a,b), 7.60 (a,b,c,d), 7.67

- *(5 points — as stated on HA 7)* Describe your project on approximately one page. Your description should contain

1. Motivation, what’s the question?
2. Goals: what do I/we hope to accomplish?
3. Methods used: how does the project relate to Fourier analysis, which aspects of the class are relevant?

You may wish to consult your instructor on the choice of topic.

*Due Wednesday, November 9, in class.*