33A Visan   Homework 3   Due Fri, Jan 27th

- From Section 2.3: 14 (arrange your answers in a table), 18, 24, 36, and 40, 56, 62, 64.
- From Section 2.4: 2, 8, 14, 30, 76, 82, and 83.
- Chapter 2 True/False Exercises (beginning p. 107): 1–12 and 34–40.

Problem 1. Compute A^2 and A^{-1} where A is the following matrix

$$A = \begin{bmatrix} 1 & 1 & 1 & 1 \\ 1 & -1 & 1 & -1 \\ 1 & 1 & -1 & -1 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$