Homework 1

The following are due on Wednesday, September 5:

§1.1 #9, 22, 23, 24, 26, 34,

§1.2 #2, 4, 15, 19, 23, 38, 39,

§1.3 #1, 23, 38.

Hints:

- For 1.1.23, see example 9 of §1.1.
- For 1.2.23, use geometric properties of inner product, not algebraic identities.