Math 136, Spring 2015, Homework 7

For practice
1. Problems 5.1, 5.2, 5.3, 5.4.
2. Problems 6.1, 6.2, 6.4, 6.6, 6.7.
3. Problem 1.1 in Chapter 6.
5. Identify and sketch the equation
   \[ 4x^2 - 2xy + 4y^2 = 1 \]
   using linear algebra. You can check your answer with an online graphing tool.

To hand in
1. Problem 5.6 from Chapter 5.
2. Problems 6.8 and 6.9 from Chapter 5.
3. Problem 2.9 from Chapter 6.