

**Math 421**

**Problem Set 4**

**Fall 2010**

**Due: Wednesday, Oct. 13**

1. Do page 69, Exercise 1 (d). Also use *Presentations* to draw the given triangle and its image.
2. Do page 69, Exercise 6 (a). Also use *Presentations* to draw the given set and its image, too. (You'll want a polar grid here, of course!)
3. Do page 70, Exercise 8 (a).
4. Do page 90, Exercise 8.
5. Do page 91, Exercise 10.
6. Do page 409, Exercise 2.
7. Do page 409, Exercise 4.