Mathematics 308 — Homework 2 — due Friday, September 20

1. Write a PostScript program that draws an equilateral triangle with its centre in the centre of the page. It should be blue with a balck outline, 2 cm. on a side, base down.

2. Do Exercise 10 in Chapter 1 of the course notes.

3. Read Proposition I.35 from Euclid's *Elements*. Redo it in a sequence of pictures without text to indicate how it goes.

4. Design a PostScript procedure that returns arcsin(x) in degrees.