Phys 168; HW #7; Due Tuesday 10/13

1) Problem 5.3, parts a and b only.

2) Problem 5.4.

3) Problem 5.8.

4) Find the location of the waist in a cavity made by two different concave mirrors, one 4m radius of curvature and one 1.5m radius of curvature. They are separated by a distance of 1m. (Does the wavelength matter? If so, pick 1 micron. If not, explain why not.)