Honors 225 – Exam 1 Review

You should be familiar with the following concepts or terms:
difference equation
iteration
orbit
fixed point
periodic orbit / periodic point
attracting vs. repelling

You should be able to do calculations and solve problems concerning
finding first few points on an orbit
finding all fixed points
determining attraction / repulsion of fixed point
following a periodic orbit and deciding about its stability
following an orbit graphically for a few steps

You should be able to explain coherently why the stability criterion is what we say it is.