

Assignment 11

MATH2380 – MATHEMATICS FOR THE ENVIRONMENT – SPRING 2013

Due Wednesday, February 20

Name: _____

1. In the PBS/Frontline documentary “Climate of Doubt,” there is a section about “going down the up escalator.” What I want to know is as follows: If you were given the task of looking at such graphs (up and down, year by year), is there a method you could propose for *more correctly interpreting* the overall trend? That is, can you say with more certainty whether or not the overall trend is up or down over time? (*There are many potential solutions here.*)
2. Come up with an example of an equivalence relation that isn’t something we’ve discussed in class.
3. Come up with an example of a relation that fails to be an equivalence relation because it isn’t transitive.