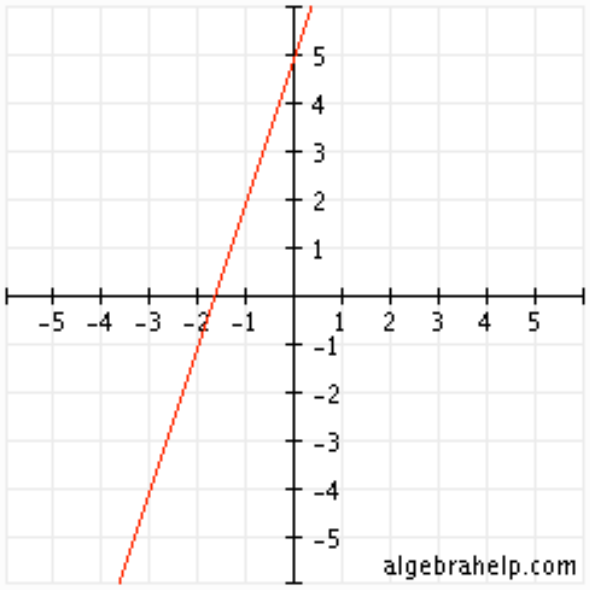
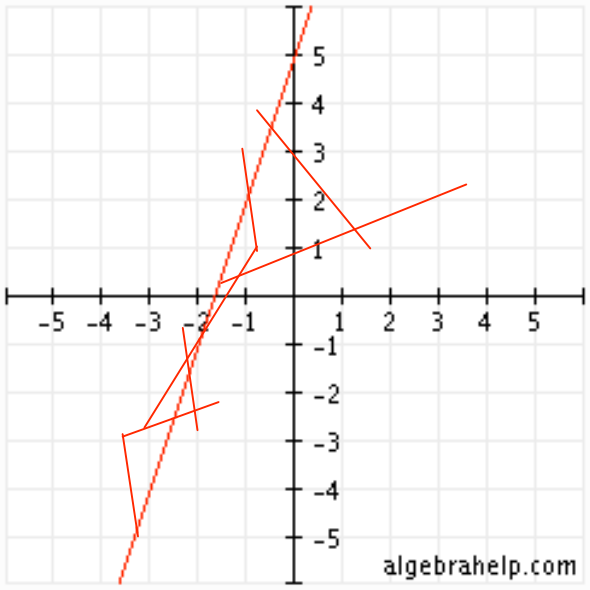
Hall
Ling 503
Spring 2006

Homework 1: Phonology as Pattern Recognition
Due: Wednesday, 29 March 2006

A. Look at the following pairs of pictures. For each pair, indicate which of the two pictures you think represents a pattern, and which one you think represents a random sequence or picture.

1.





2.

3.

dabi guka lope baqo nimu zewi	fsno hils ;p[r nswp mo,i xreo

B. For each pair of pictures in part A, explain what elements you were looking at to recognize a pattern. What symbols on the page were you considering? Why did you think those were the elements you should consider and not, e.g., the numbers along the left-hand side?

C. For each picture you chose in part A as showing a pattern, describe the pattern(s) you saw. Your description should be complete enough for someone else to roughly replicate the pattern themselves, but should not simply be a direct description of the sequence or picture. This means you have to decide what you think was important about each *pattern* and describe that. (For example, your description for the pattern "XOXO" should *not* be "first, write an X, then write an O, then write an X, then write an O" but rather something like "start with an X; after each X, write an O, after each O, write an X." The first method would allow you to describe any of the above pictures – the second method allows you to describe only the pictures that represent patterns.)