

Math 105, Spring 2014
Collected Homework - due Wednesday 3/5

For this assignment, our “theme” will be the following:



Find each of the following variations on this theme: T_5 , T_5R , I , T_7I , and I_G .

(As defined in class, T_n is transposition by n semitones, R is the retrograde, I is the standard inversion centered at C, and I_G is an inversion centered at G rather than at C.)

Write each variation on a music staff (one variation per line), and also write the name of each note below the staff, as demonstrated above. You can use the music staves below, or print out your own from the “blank sheet music” link on the class notes page. Also, you can write notes that aren’t in the C-major scale (“black key” notes) as sharps or flats, whichever you prefer – for example, feel free to rewrite F# as Gb, or Bb as A#.

