

Fall 2020 CIS 3362 Homework #2 Grading Criteria

- 1) 20 pts - 12 pts answer, 8 pts for describing the process, if they don't get it but do a good job describing what they tried, you can award up to 15 pts.
- 2) 10 pts - should attach code, no pts if no code is attached and no process is described, if they broke it without the list help and showed work, you can give full credit. The code should look like it tries each key and then looks for the substring "mate" and does something (prints maybe) if it's found. Most people getting this should get full credit. If someone can't get it, give partial as follows:
 - 2 pts for looping through each word in the word list
 - 2 pts for trying to "subtract" the keyword
 - 2 pts for trying to search for "mate"So max score of 6/10 for ones that didn't break it
- 3) 20 pts - 12 pts answer, 8 pts for describing the process, , if they don't get it but do a good job describing what they tried, you can award up to 15 pts.
- 4) 10 pts - 8 pts for setting up function composition with letters, 2 pts for arguing why the new values are regular valid Affine keys.
- 5) 15 pts - 5 pts for Euclidean, 8 pts to get to $24x148 - 53x67 = 1$, 1 pt to extract -53, 1 pt to map to 95
- 6) 15 pts - 4 pts Euclidean, 7 pts get to inverse, 1 pt subtract 22, 1 pt mult by 61, 1 pt distribute, 1 pt map -1342 to +18.
- 7) 5 pts - 1 pt denominator, 3 pts numerator, 1 pt reducing
- 8) 5 pts - 1 pt denominator, 3 pts numerator, 1 pt reducing