

Wednesday, November 16, 2016

Name: _____

- 1) Decrypt the following ROT9-encoded message: "yunjbn dbn j yjatrwp byjln cx yjat cqnenqrlun". Tip: write out a translation chart on a separate piece of paper. [20 points]
- 2) Write a function that takes a string and returns a ROT-13 *encoded* version. The function only needs to work for lowercase letters. Hint: the ASCII char value for lowercase 'a' is 97. [30 points]
- 3) Find five numbers that are congruent to 7 (mod 13). [20 points]

- 4) Write a function that generates a `HashMap<Character, Character>` that enables a user to quickly *decode* a message that's written in ROT20. [30 points]