

Due at beginning of class Monday, March 2

This should be your own work (no other people or software (including AI)).

Questions about quiz should be directed to Prof. Arnold

Short explanations are helpful.

Name: _____

1. Construct a generating function to count the number of ways to use pennies, nickels, dimes, and quarters to give n cents change. Explain how to use this function to find out how many ways to change 50 cents (you don't have to give the answer, just describe how the generating function would give it).