QUIZ 8 - MATH 111	Friday, April 4
YOUR NAME:	George Voutsadakis

Read each problem **very carefully** before starting to solve it and do only what is asked. Each problem is worth around 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

- 1. [4 points] According to the 2010 census, the town of Sault Sainte Marie, MI, had a population of 14,144, whereas, in the 2020 census the population was estimated to be 13,337.
 - (a) Find an exponential model for the population P(t) as a function of time. If you approximate, use 3 decimal digits. Show all your steps.

(b) What does your model predict about the population in the (upcoming) 2030 census?

