

Below are sets of population data from two towns:

**Radon, RI**

Year	1990	1992	1994	1996	1998
Population	80,112	82,101	84,146	86,257	88,396

**Xenon, Ohio**

Year	1990	1992	1994	1996	1998
Population	80,112	84,106	88,097	92,077	96,064

- Which of the tables is the better example of (approximately) exponential growth? Explain your choice.
- Find an equation that is a good model of the population you chose in part a, and graph it.
- What is the annual rate of growth? The continuous rate of growth?
- Using this model, determine how long it will take for the population to reach 200,000.