

## 7.5B More Modelling

Create a scatter plot using graphing technology and determine an appropriate model for the following data set.

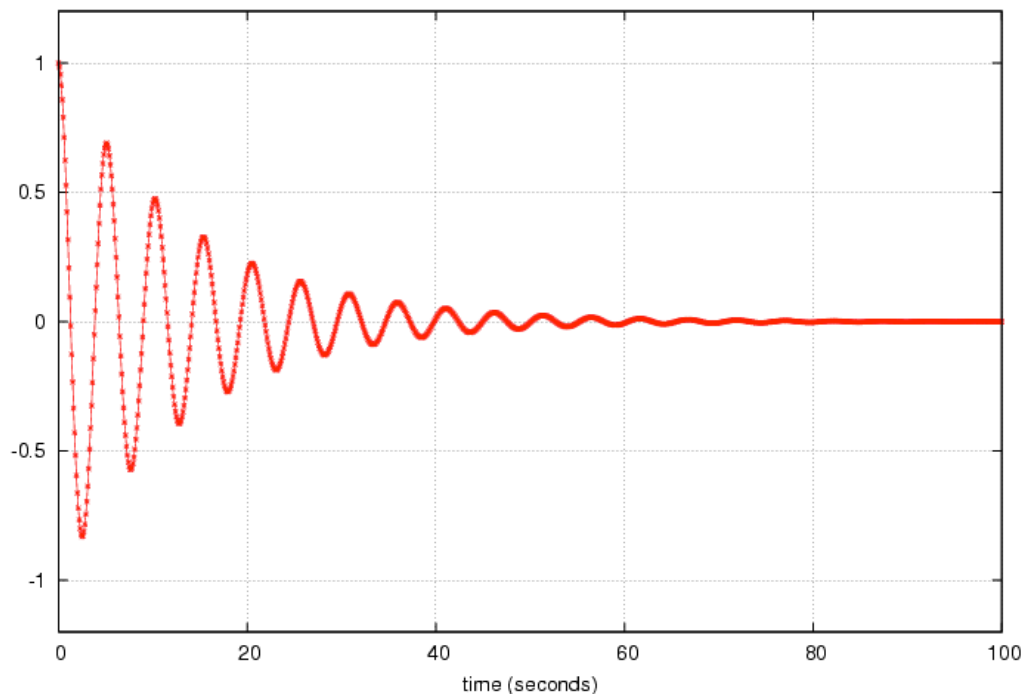
Measurements of bacterial density at pH 6.25.  
The units of "Population Density" are those of absorbance as measured by a spectrophotometer.

Time (min)	Time index $t$	Population Density
0	0	0.022
16	1	0.036
32	2	0.060
48	3	0.101
64	4	0.169
80	5	0.266
96	6	0.360
112	7	0.510
128	8	0.704
144	9	0.827
160	10	0.928

More of this type of data...

## BUNGEE JUMPING!

Model the following data set.



CO<sub>2</sub> Emissions

Model the following data set.

