YOUR NAME:____

Read each problem **very carefully** before starting to solve it. 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] Suppose that y = f(x) is an exponential function some of whose values are given in the following table.

x	- 1	0	1	2	3
y		150	100		

Fill-in the blank boxes of the table and find f(20).

2. [4 points] The points (-3,1) and (2,13) are on the graph of the exponential function y=f(x). Find a formula for f(x).

