Name:

Date:

Lesson 7.3.1 Homework

* **7-91.**Anthony has added a line of best fit to the scatterplot at right.  Do you agree with where he put the line?  Explain your reasoning.
* **7-92.**Graph y =$ -\frac{1}{2}x$ + 6.  Find its x‑ and y‑intercepts.



* **7-93.**Graph a line that goes through the points (0, 3) and (2, −1).  What is the slope of the line?



* **7-94.**How many yearbooks should your school order?  Your student government surveyed three homeroom classes, and 55 of 90 students said that they would definitely buy a yearbook.  If your school has 2000 students, approximately how many books should be ordered?  Show and organize your work.

* **7-95.**Find the perimeter and area of each triangle below.
	1. 

b.

**7-96.**Graph the lines y = −4x − 3 and y = −4x + 1 on graph paper.

* 1. Where do they intersect?
	2. Solve this system using the Equal Values Method.
	3. Explain how your graph and algebraic solution relate to each other.