

Warm-up Problems - February 17, 2006

Extra Credit?

(If my signature is here write down your name turn it in for extra credit. No signature? Arrive earlier!)

1. Find the least squares line, $y = ax + b$ for the data below.
Using your least squares line, predict a value for $y(5)$.

(a)

x	1	2	4
y	2	6	9

(b)

x	1	2	4
y	2	-6	-9

Lecture Problems

2. Find the least squares line, $y = ax + b$ for the data below. Using your least squares line, predict $y(10)$.

	x	y	xy	x ²
	2	4		
	3	6		
	3	8		
	5	12		
	5	14		
	6	20		
Σ				