1 point	1.	Assume you fit a regression model to predict house prices from square feet based on a training data set consisting of houses with square feet in the range of 1000 and 2000. In which interval would we expect predictions to do best?
		[0, 1000]
		[1000, 2000]
		[2000, 3000]
1 point	2.	In a simple regression model, if you increase the input value by 1 then you expect the output to change by:
		Also 1
		The value of the slope parameter
		The value of the <i>intercept</i> parameter
		Impossible to tell
1 point	3.	Two people present you with fits of their simple regression model for predicting house prices from square feet. You discover that the estimated intercept and slopes are exactly the same. This necessarily implies that these two people fit their models on <i>exactly</i> the same data set. True
		False
1 point	4.	You have a data set consisting of the sales prices of houses in your neighborhood, with each sale time-stamped by the month and year in which the house sold. You want to predict the average value of houses in your neighborhood over time, so you fit a simple regression model with average house price as the output and the time index (in months) as the input. Based on 10 months of data, the estimated intercept is \$4569 and the estimated slope is 143 (\$/month). If you extrapolate this trend forward in time, at which time index (in months) do you predict that your neighborhood's value will have doubled relative to the value at month 10? (Round to the nearest month).
1 point	5.	Your friend in the U.S. gives you a simple regression fit for predicting house prices from square feet. The estimated intercept is -44850 and the estimated slope is 280.76. You believe that your housing market behaves very similarly, but houses are measured in square meters. To make predictions for inputs in square meters, what intercept must you use? Hint: there are 0.092903 square meters in 1 square foot. (Note: the next quiz question will ask for the slope of the new model.) -44850
1 point	6.	Your friend in the U.S. gives you a simple regression fit for predicting house prices from square feet. The estimated intercept is -44850 and the estimated slope is 280.76. You believe that your housing market behaves very similarly, but houses are measured in square meters. To make predictions for inputs in square meters, what slope must you use? Hint: there are 0.092903 square meters in 1 square foot.
1	7.	Consider the following data set:
point		Which bold/labeled point, if removed, will have the largest effect on the fitted regression line (dashed)?
		() a
		(b