If the space provided for an answer is not sufficient, please continue on the back or attach an additional sheet.

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5. (1 point) The height values are the features. Construct the target values using the weights.

[5]:		
6.	(1 point)	Split the data into train and test sets using a ratio of 80 : 20.
[6]:		
7.	(1 point)	Create and train a linear regression model. Name it <i>lr</i> .
[7]:		
[7]:	Linear	Regression()
8.	(1 point)	Predict the test set.
[8]:		
9.	(1 point)	Display the regressor coefficients.
[9]:		
10.	(1 point)	Print and write down the mean squared error and the variance score.
[10]:		