CSI – consult

The police in your area have found bones while doing some excavating.

The have uncovered a forearm and a foot. Testing has revealed that the forearm comes from a female and the foot from a male. The female forearm was 21.87 cm in length. The male foot was 41.18 cm length.

Using the file Class Data and the appropriate items from the list, estimate the height of the two people whose bones were found in two ways.

You should sort your data into male and female and calculate the appropriate values. Then construct two scatter plots. The two graphs will have a line-of-best fit and R2 values.

1. Your first answer should be arrived at using the line of best fit equation.
2. The second answer should be arrived at using ratio and proportions.