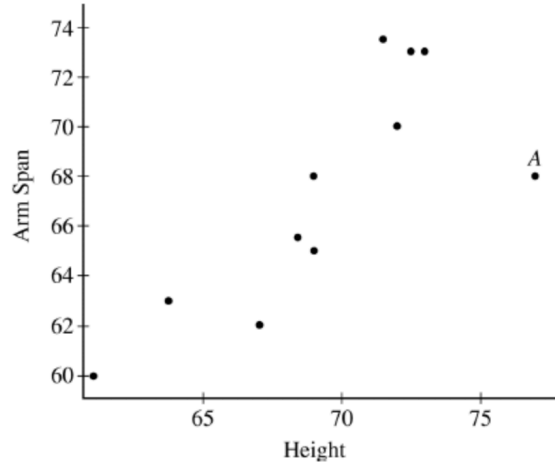# Homework for YouTube video 4-15-20
From AP Classroom

A scatterplot of student height, in inches,
versus corresponding arm span length,
in inches, is shown below. One of the points
in the graph is labeled A.

If the point labeled *A* is removed, which of the following statements would be true?

A The slope of the least squares regression line is unchanged and the correlation coefficient increases.

B The slope of the least squares regression line is unchanged and the correlation coefficient decreases.

C The slope of the least squares regression line increases and the correlation coefficient increases.

D The slope of the least squares regression line increases and the correlation coefficient decreases.

E The slope of the least squares regression line decreases and the correlation coefficient increases.