Math 4939 gan 27, 2021

Let X be the grade on a mid-term and I the greede on a final exam Suppose the conelation between X and Y The mean and SD on both the mid-term and final exam are 75 and 10, respectively. Suppose the relationship is linear. a) What is the predicted value of Y if X = 85?

b) What is the predicted value of Y if X = 65?

C) Does this mean that students who do well

on the mid-term tend to get largy and don't do as

well, on average, on the final.

The mid-tone and students who do poorly on the mid-term "buckle up" and work harder preparing for the final?
"buckle up" and work harder preparing for the final?
"Splan why or why not?