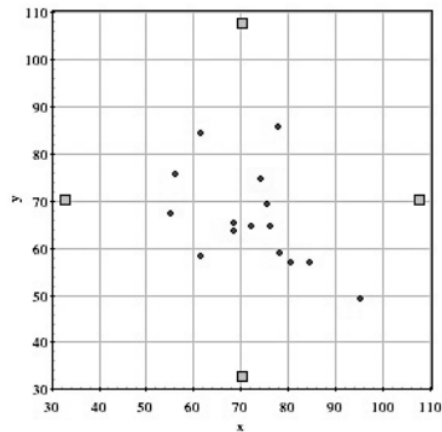


Assignment 4.5 – Correlation

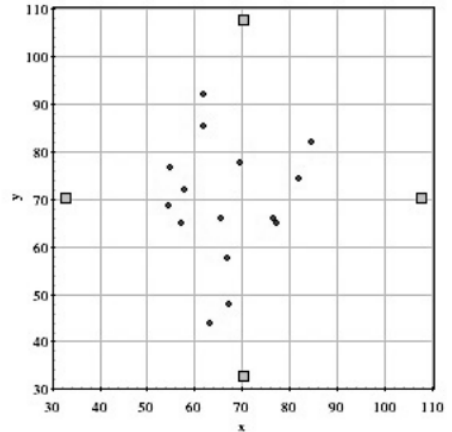
1. Match the following scatterplot with the correct correlation coefficient, then state if the direction is positive or negative and if the strength is strong, moderate, or weak.

- a) 0.05 b) 0.97 c) -0.94 d) -0.49 e) 0.68 f) -0.25

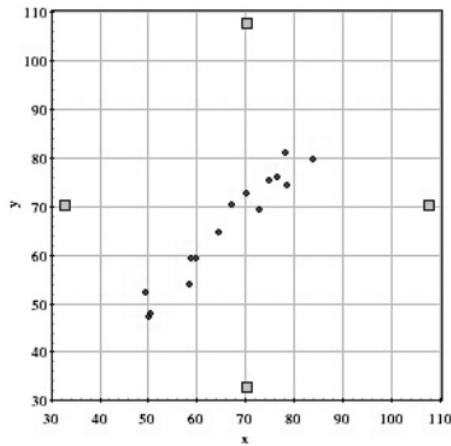
i)



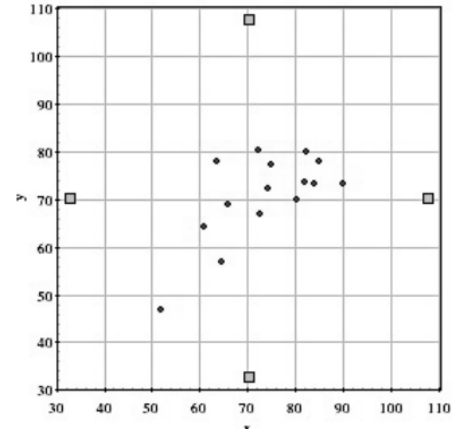
ii)



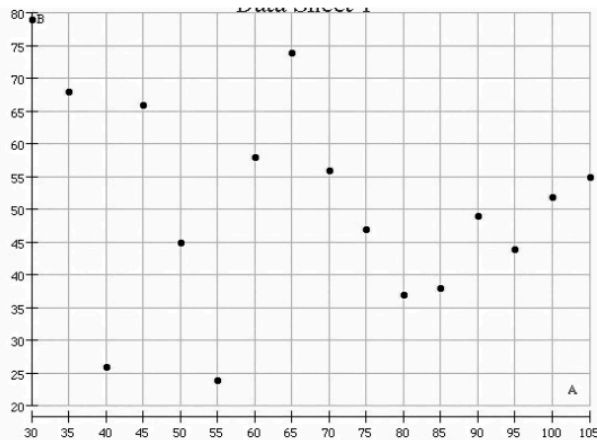
iii)



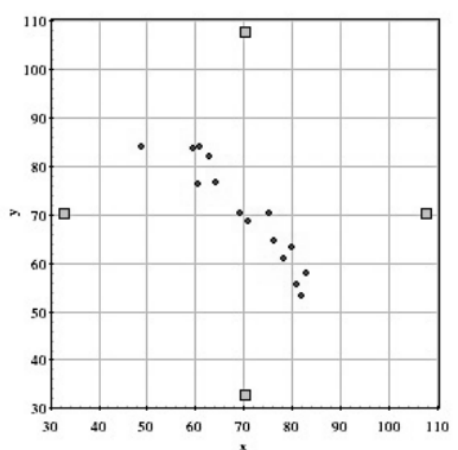
iv)



v)



vi)

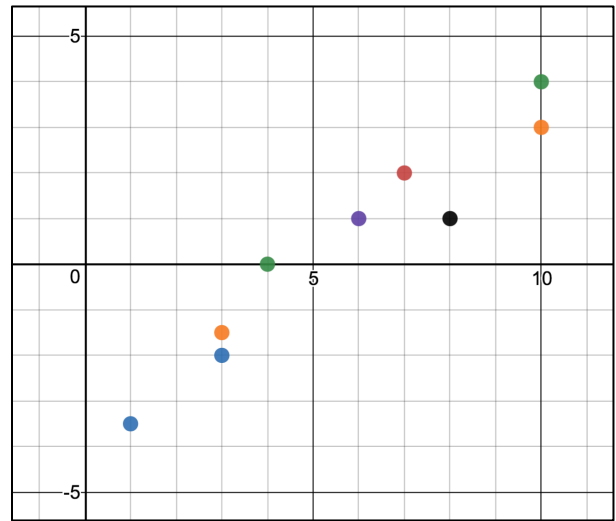


Examine the scatterplot below.

2. Predict the possible y-intercept and slope for the line you imagined.

a. y-intercept: _____

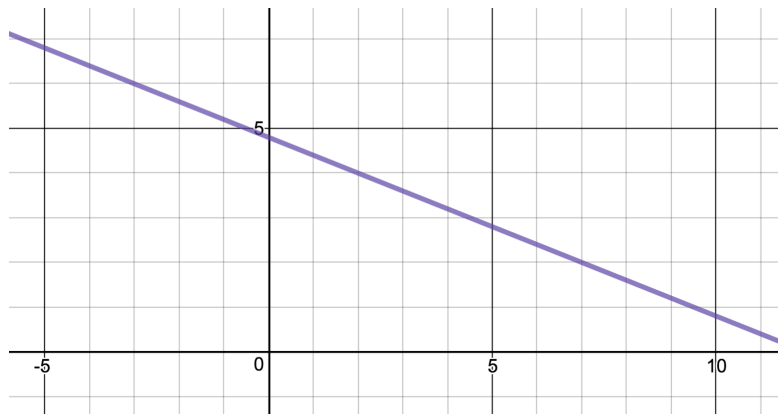
b. slope: _____



3. Sketch the line of best fit.

Refresh your memory

4. Write an equation from the graph.



5. Find the equation that pass through (2, 4) and (-3, 6).