\*\*All work shown (step by step), in simple terms please!!!

No excel, just formulas\*\*.

15)

Test each of the following hypotheses:

1. Ho: β = 0

Ha: β ≠ 0



1. Ho: β = 0

Ha: β < 0



1. Ho: β = 0

Ha: β > 0



16) a) If  = 1.3479 + 0.3978x, what is the x value? ( = -3)

 b) True or False. Regression Analysis attempts to minimize the mean square error.