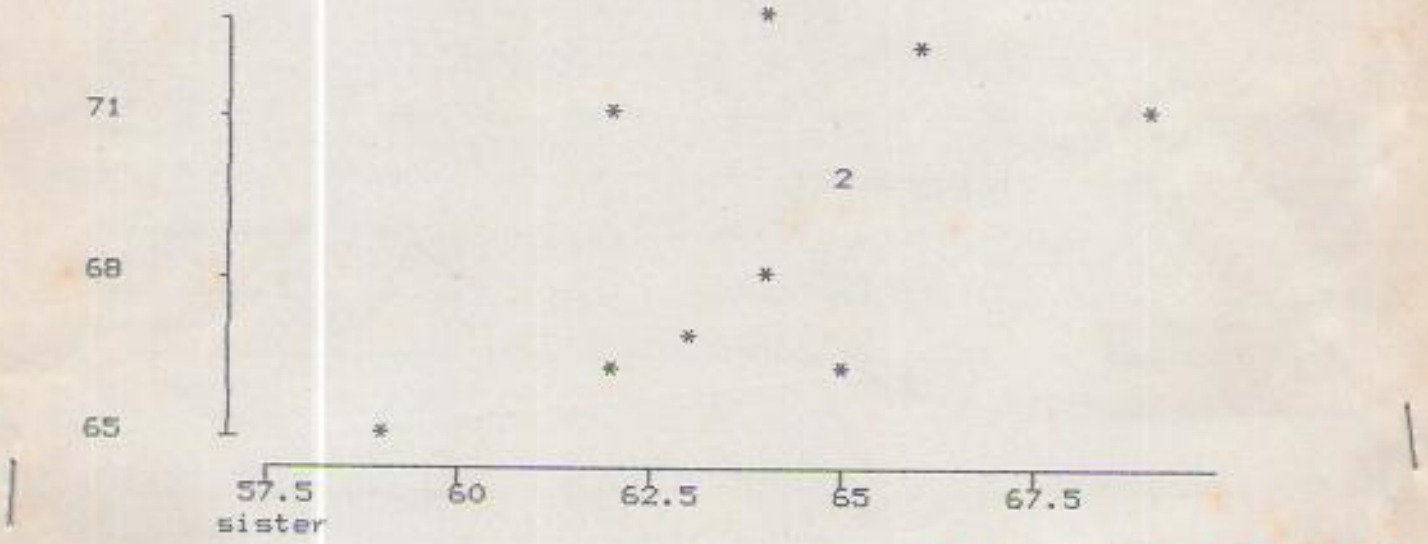
M246 TMA 04

1)

eights)
ther[11] sister[11] (M246 p.000)
(brother,sister)



3/3

Not very apparent.

a) There appears to be a ~~moderately strong~~ relationship between the variables. The points all lie within an oval ~~type~~ shape and appear to be positively correlated. It would appear appropriate therefore, to calculate the Pearson Product moment correlation coefficient.

ii)

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pmcorr(brother,sister)
        0.5581
rhoci(sister,brother,95)
        95%:     -0.06287   ( 0.5581 )   0.8675
```

The Pearson correlation is 0.5581. The confidence interval contains the value 0, which would be the Pearson Correlation value if there were no correlation. Hence, at the 95% confidence level, t