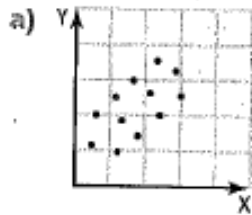


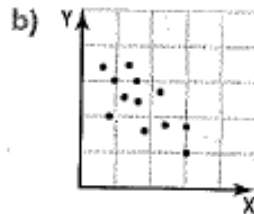
4. In each case, indicate which correlation coefficient corresponds to the stronger correlation.

- a) 0.7 and (-0.8)      b) 0.2 and (-0.3)      c) -0.85 and (0.9)      d) -0.7 and 0.7

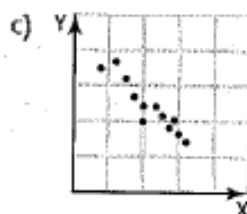
5. In each of the following cases, the scatter plots contain the same number of points. Four correlation coefficients are given: -0.85; -0.45; 0.25; 0.90. Associate each scatter plot with its corresponding correlation coefficient.



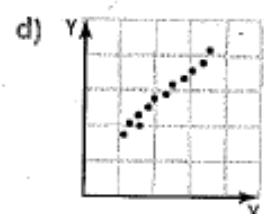
$r = 0.25$



$r = -0.45$

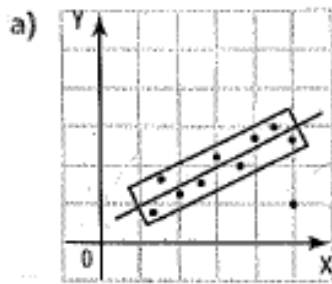


$r = -0.85$



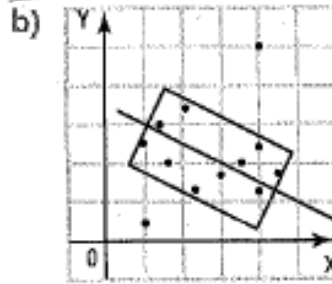
$r = 0.90$

6. In each of the following cases, estimate the correlation coefficient.



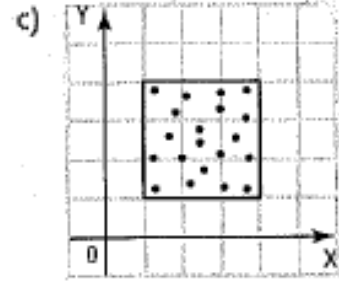
$a = 2.3; b = 0.5$

$r \approx +0.78 \quad ? \pm 0.05$



$a = 1.9; b = 1.1$

$r \approx -0.42$



$a = b = 1.5$

$r \approx 0$