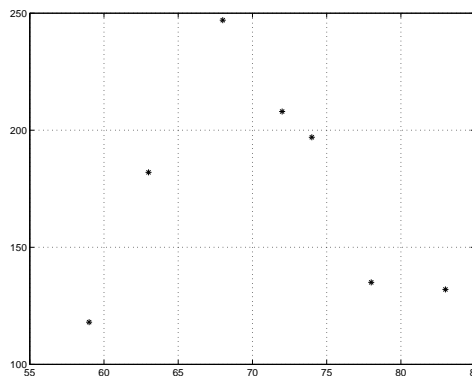
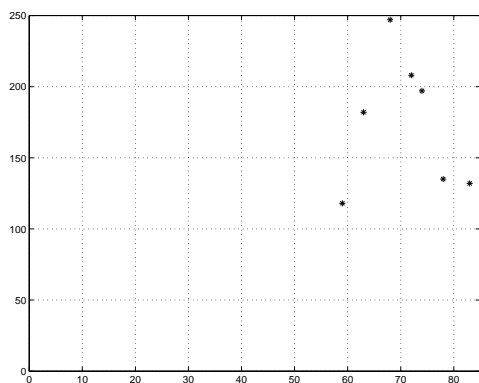


## Lösningar eller svar till vissa hemövningar

1



$$r = \frac{-285}{\sqrt{420 \cdot 13499}} = -0.120$$

2 (a)  $P(X = 500, Y = 500) = f(500, 500) = 0.30$

(b)  $P(X < 500, Y < 500) = f(200, 0) + f(200, 250) = 0.30$

(c)  $p_X(200) = 0.50$ ,  $p_X(500) = 0.50$ ,  $p_Y(0) = 0.25$ ,  $p_Y(250) = 0.25$ ,  $p_Y(500) = 0.50$

4 4.65