$$y = \beta_0 + \beta_1 x$$

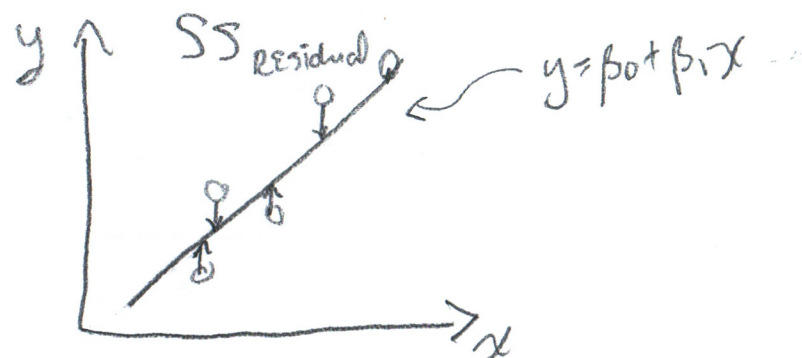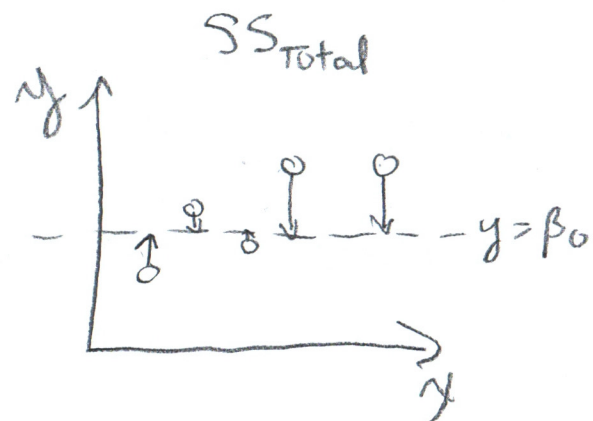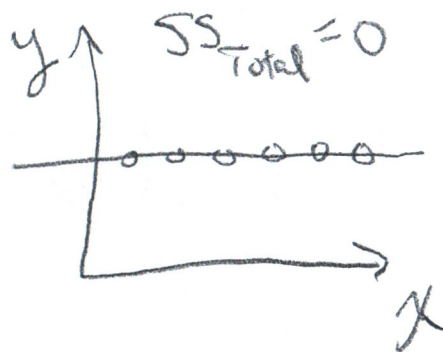$SS_{Total} = 0$

SS_{Total}

$y = \beta_0$

$SS_{Residual}$

$y = \beta_0 + \beta_1 x$

$$SS_{Total} = SS_{Explained} + SS_{Residuals}$$