1. a) 
$$\frac{\times |1|2|3|4|5|6}{y|5,93|5,193|5,011}$$

2. 
$$y = ax + b$$
  
avec  $a = -0.190$   $b = 6.145$ 

3. 
$$\ln C = y = \Rightarrow C = e^{y}$$

$$\Rightarrow C = e^{\alpha x + b} = e^{\alpha x} e^{b}$$

$$\Rightarrow C = e^{b} e^{\alpha x} = x \beta^{x}$$

$$\Rightarrow e^{b} (e^{\alpha})^{x} = x \beta^{x}$$

$$\Rightarrow \alpha = e^b \qquad \beta = e^a$$

=> 
$$\alpha = e^{6,165} \approx 466,38$$
  
 $\beta = e^{-0,180} \approx 0,83$