Exercise 05

Let T be the time invested on preparation:

1 h: $P(T \leq 1) = (1 + \exp(-0.3096 \times 1 - (-6.0968)))^{-1}$

$\qquad = 3.0572 \times 10^{-3}$

$\qquad = 0.30572\%$

10h: $P(T \leq 10) = (1 + \exp(-0.3096 \times 10 - (-6.0968)))^{-1}$

$\qquad = 0.0474$

$\qquad = 4.74\%$

10 more hours
than 1h : $P(T \leq 11) = (1 + \exp(-0.3096 \times 11 - (-6.0968)))^{-1}$

$\qquad = 0.0635$

$\qquad = 6.35\%$