均假定在实现无限多级流水线情况下.

3. (1) $T_{cycle} = t_{max} + 0.7ns = 2.1ns$

(2) $\eta = \frac{T_{pipe}}{T_{cycle}} = \frac{7ns}{2.1ns} = \frac{10}{3}$

(3) 而对于无限多级流水线而言 $T_{cycle} \approx 0.1ns$

$\eta_{max} = \frac{T_{pipe}}{T_{cycle}} = \frac{7ns}{0.1ns} = 70.$