

第3章 习题

1. (1) $T_{\text{pipe}} = \max \{ T_{\text{IF}}, T_{\text{ID}}, T_{\text{EX}}, T_{\text{MEM}}, T_{\text{WB}} \} + 0.1 \text{ ns} = 2.1 \text{ ns}$

(2) 加速比 = ~~7ns~~ $\frac{T_{\text{cycle}}}{T_{\text{pipe}}} = \frac{7 \text{ ns}}{2.1 \text{ ns}} = \frac{10}{3} \approx 3.33$

(3) 加速比 = $\frac{T_{\text{cycle}}}{T_{\text{pipe}}} = \frac{7 \text{ ns}}{0.1 \text{ ns}} = 70$