

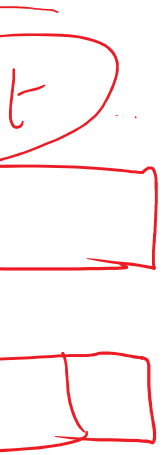
T/S

$$t_c > \max \{ t_f, t_x \}$$

Ideal Pipeline

1. All objects go through same stages.
2. No sharing of resources betⁿ any two stages.
3. Propagation delay through all pipeline stages is equal.





$t_D, \left. \begin{matrix} t_m, t_w \end{matrix} \right\}$

	CLK	1	2	3	4	5	6			
Ins 1	→	F	D	X	M	W				
Ins 2	→		F	D	X	M	W			
#3	→			F	D	X	M	W		
#4	→				F	D	X	M	W	
#5	→					F	D	X	M	

