FCFS with I/O Burst Time

	AT	CPU BT	I/O BT	CPU BT	ST	CT	TAT	WT	RT
P1.	0	6	10	4.	0	22	22	2	0
P2.	0	9	15	6.	6	36	36	6	6
P3.	0	3	5	2.	15	25	25	15	15

$$TAT = CT - AT$$

$$TAT = I/O + CPU + WT.$$

$$WT = TAT - I/O - CPU$$

$$= TAT - \text{Total Burst Time}$$
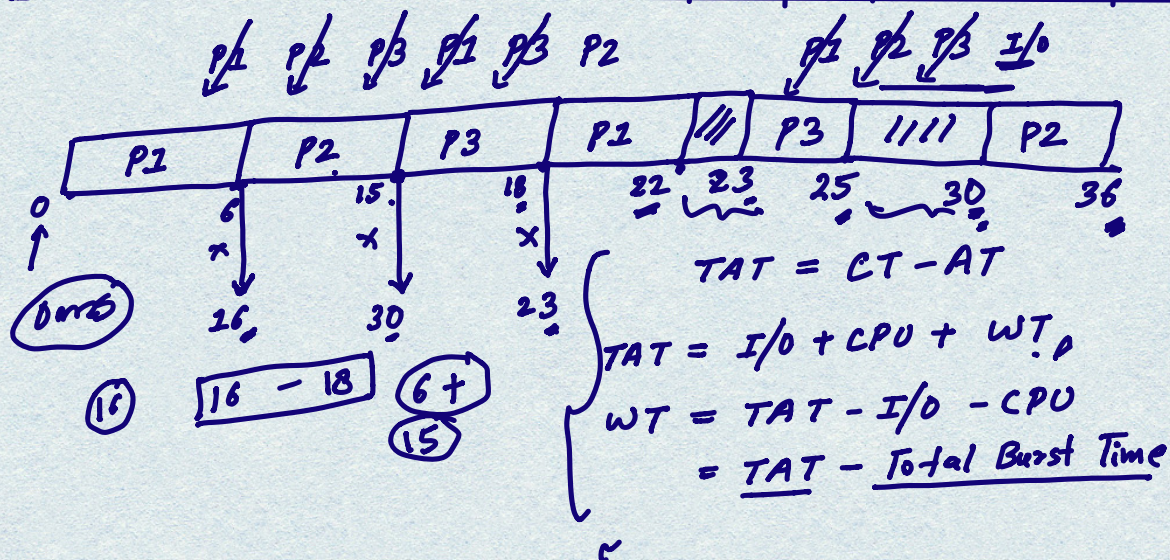
$$\text{Avg TAT} = (22 + 36 + 25)/3 = 83/3$$

$$\text{Avg WT} = (2 + 6 + 15)/3 = 23/3$$

$$\text{Avg RT} = (0 + 6 + 15)/3 = 21/3$$

$$\text{CPU IDLE} = \frac{4}{36} \times 100 = \frac{100}{6} \%$$

$$= \left(100 - \frac{100}{6}\right) = \text{CPU util}$$

$$\underline{Throughput} = 3/(20 + 30 + 10), = \frac{3}{60} = \frac{1}{20} \text{ pack/ms}$$