5s Overhead Time

First Come First Serve

READY									
P1	1-15								
P2		1-4				1-810			1-376
P3			1-4						
P4			2-37	1-37			1-37		
Proc	p1	p2	p3	p4	none	p2	p4	none	p2
Start	5	25	34	43	80	184	219	256	269
End	20	29	38	80	179	214	256	264	359
WAIT									
P1		420	420	420	420	420	420	420	420
P2			179	179	179		264	264	
P3				438	438	438	438	438	438
P4					180	180		356	356

READY									
P1			1-18			2-15	1-15		2-15
P2				1-15					
P3				2-810	1-810		2-376	1-376	
P4	1-37					1-37			1-37
Proc	p4	none	p1	p2	p3	p4	p1	p3	p4
Start	364	401	425	448	468	1283	1325	1345	1726
End	401	420	443	463	1278	1320	1340	1721	1763
WAIT									
P1	420	420		643	643			1440	
P2	434	434	434						
P3	438	438	438			1308			1766
P4		501	501	501	501		1420	1420	

READY									
P1	1-15		2-25	1-25			1-240		
P2									
P3		1-652							
P4			1-37			1-37			
Proc	p1	p3	p4	p1	none	p4	p1		
Start	1768	1788	2445	2487	2512	2587	2629		
End	1783	2440	2482	2512	2582	2624	2869		
WAIT									
P1		2183			2612	2612			
P2									
P3	1766								
P4	1863	1863		2582	2582				

cpu waste (no job or switch) = 99 + 8 + 19 + 70 + (5 * 21) = 196 + 105 = 301

p1 arrival = 0 end = 2869 ta = 2869

p2 arrival = 12 end = 463 ta = 451

p3 arrival = 27 end = 2440 ta = 2413

p4 arrival = 28 end = 2624 ta = 2596

5s Overhead Time

Shortest Job First

READY									
P1	1-15								
P2		1-4				1-30			1-90
P3			1-4						
P4			2-37	1-37			1-37		
Proc	p1	p2	p3	p4	none	p2	p4	none	p2
Start	5	25	34	43	80	184	219	256	269
End	20	29	38	80	179	214	256	264	359
WAIT									
P1		420	420	420	420	420	420	420	420
P2			179	179	179		264	264	
P3				438	438	438	438	438	438
P4					180	180		356	356

READY									
P1			1-18			1-15			1-15
P2				1-15					
P3				2-810	1-810			1-376	
P4	1-37					2-37	1-37		2-37
Proc	p4	none	p1	p2	p3	p1	p4	p3	p1
Start	364	401	425	448	468	1283	1303	1345	1726
End	401	420	443	463	1278	1298	1340	1721	1741
WAIT									
P1	420	420		643	643		1398	1398	
P2	434	434	434						
P3	438	438	438			1308	1308		1766
P4		501	501	501	501			1440	

READY									
P1			1-25			1-240			
P2									
P3		1-652							
P4	1-37		2-37	1-37			1-37		
Proc	p4	p3	p1	p4	none	p1	p4		
Start	1746	1788	2445	2475	2512	2575	2820		
End	1783	2440	2470	2512	2570	2815	2857		
WAIT									
P1	2141	2141		2570	2570				
P2									
P3	1766								
P4		1883			2612	2612			

cpu waste (no job or switch) = 99 + 8 + 19 + 58 + (5 * 21) = 184 + 105 = 289

p1 arrival = 0 end = 2815 ta = 2815

p2 arrival = 12 end = 463 ta = 451

p3 arrival = 27 end = 2440 ta = 2413

p4 arrival = 28 end = 2857 ta = 2829