For this question, show the timeline and average turnaround time for the given process mixes and scheduling algorithms. For the average turnaround time, show the expression you used to calculate the answer, as well as the final answer.

Job	Arrival Time	Burst Duration
1	0	12
2	4	29
3	7	3
4	11	11

- (a) Shortest Remaining Time First
- (b) Round Robin using a time quantum of 5 time units

(a) 
$$\frac{1}{1}$$
,  $\frac{1}{1}$ ,  $\frac{1}{$ 

(b) 
$$JI$$
,  $JZ$ ,  $J3$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J4$ ,  $J2$ ,  $J2$ ,  $J2$ ,  $J2$ ,  $J3$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J2$ ,  $J2$ ,  $J2$ ,  $J2$ ,  $J3$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J3$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J4$ ,  $J1$ ,  $J2$ ,  $J3$ ,  $J4$ ,