Match each term below to its definition or notation:

1. Average Arrival Rate
2. Average Service Rate
3. Service Requirement or Size
4. System Throughput
5. Utilization

1. $\mu$
2. $\lambda$

3. The time it would take the job to run on a server if were no other jobs around (i.e., no queueing); usually written $S$.

4. The fraction of time a device is busy; usually written $\rho$.

5. The rate of completions in a system (e.g., jobs/sec); usually written $X$.

Answer: 1-2; 2-1; 3-3; 4-5; 5-4.