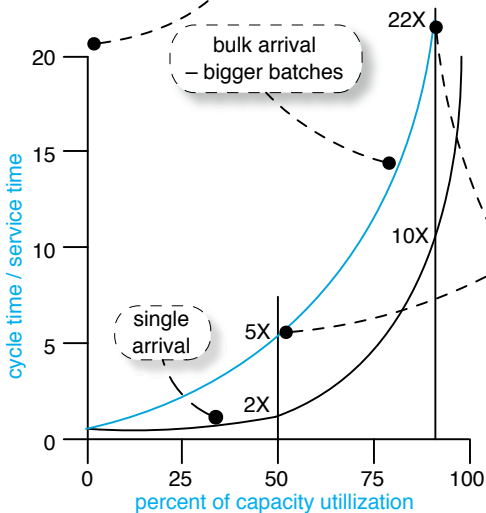


ratio of cycle time (queue time + service time) divided by service time. for example:

- service time: 2 weeks - queue time: 2 weeks
- cycle time = 4 - **ratio = 2**

- service time: 2 weeks - queue time: 8 weeks
- cycle time = 10 - **ratio = 5**



Analogy to Traditional Product Development with Big Batches

50% utilization: cycle
time averages 5 times
the time in service

90% utilization: cycle
time averages 22
times the time in
service