

Solution to Problem 5.7

This network has the following solution.

For Q_1	Mean Queue Length = 0.215188 Mean Waiting Time = 0.074276 Mean Throughput = 0.507190 Visit Ratio = 1
For Q_2	Mean Queue Length = 0.084750 Mean Waiting Time = 0.020970 Mean Throughput = 0.312766 Visit Ratio = 0.61667
For Q_3	Mean Queue Length = 0.774200 Mean Waiting Time = 1.111678 Mean Throughput = 0.295859 Visit Ratio = 0.58333
For Q_4	Mean Queue Length = 4.925900 Mean Waiting Time = 7.918800 Mean Throughput = 0.496620 Visit Ratio = 0.97917