

Sprint 4 quiz cheat sheet Queveing terry Parametus. 5 average service line H = 1/3 avenge service 19th O's = Variance of the service times = te guivai Rute Forcel flow law LL = X.VK or assival rate of he system of a recourse of a recourse Ulitization Law U=1.5 Vitization arrival Arrende rate service tino Littles Law N = 1 R 7 1 Average throughput Average Number of recidence customers flow in the system Conservation Law Allived rate and thoughput are equal in a stable system 1 = Number being sent time Luken

Sprint 4 Deliverables CMS. 380 Check My Math 5 = 5ms = 120 120 .0 V= 1.2 2

Sprint 4 Deliverables CMS:380 Unbalanced Server loads B is able to process one request at 250 us on arrage Calculate average service time at server A throughfut of Server B = U .6 = 0024 Throughfut of system = 18 .0024 - ,006 doo. = 1 Nx = VA (= , 6 x .006 = .0031 5 = \frac{1}{1} = \frac{.0036}{.8} = 222 P1