ITM529. Stochastic Processes

Short Quiz 4, 2025F, Weighting of 5%

Name: [   ]

#1. Calls to a center follow a Poisson process with rate 120 calls per hour. Each call has probability 1/4 from a male customer. The call center opens at 9am each morning. What is the probability that there are exactly one calls in the first 2 minutes and exactly three calls from minute 1 to minute 4? **[5pt]**