

STU22005 Applied Probability II
Continuous Assessment Sheet 2, Answer Sheet

For each question, fill in the following answers. Please use the 'insert text at cursor' option to add your answers. Save the document with your answers included and upload to Blackboard.

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1.

a. Probability = 0.383.

b. Probability = 0.8664.

2.

Distribution of X: $X \sim \text{Poi}(\lambda = 104)$. $X \approx Y \sim N(104, 104)$ Approx

Probability = 0.3483.