

$\frac{dN}{dt} = \lambda N - \mu N$
 $\frac{dN}{dt} = (\lambda - \mu) N$
 $N(t) = N_0 e^{(\lambda - \mu)t}$

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

Figure 1