$$\sum_{k=0}^{\infty} e^{-\lambda} \frac{\lambda^k}{k!} = 1$$

$$e^{-3} \sum_{k=0}^{\infty} \frac{3^k}{k!} = e^{-3} e^3 = e^0 = 1$$

Rozwinięcie w szereg Taylora w zerze

$$e^{\gamma} = \sum_{k=0}^{\infty} \frac{\gamma^{k}}{k!} (e^{\circ})^{(k)} = \sum_{k=0}^{\infty} \frac{\gamma^{k}}{k!}$$

b)
$$\sum_{k=0}^{\infty} k e^{-\lambda} \frac{\lambda^k}{k!} = \lambda$$