

Recitation 11
April 4, 2006

1.

$$\mathbf{E}[X] = \frac{k}{2}.$$

$$\text{var}(X) = \frac{k}{6} + \frac{k^2}{12}.$$

2.

$$\mathbf{E}[D] = N - Ne^{-\frac{\lambda}{N}}.$$