

1. $P\left(X\geq 15\right)=0.223$



1. $P\left(X\leq 8\right)=0.551$



1. $P\_{X\geq 3}\left(X\geq 13\right)=\frac{P\left(X\geq 13∩X\geq 3\right)}{P\left(X\geq 3\right)}=P\left(X\geq 13\right)\P\left(X\geq 3\right)=$0.368



1. $EX=\frac{1}{\frac{1}{10}}=10$

Exercice 2



$$P\left(X\geq 1\right)=0.8$$

$$1-P\left(X<1\right)=0.8$$

$$-P\left(X<1\right)=0.8-1$$

$$P\left(X<1\right)=0.2$$



Donc $λ=0.223$