X follows an exponential distribution with parameter 2. The mean of X is

0.865

X is such that $P(X<x)=1-e^{-ax}$ If $a = 2$, find $P(X<1)$

0.117

X is such that $P(X<x)=1-e^{-ax}$ If $a = 2$, find $P(1<X<2)$

0.135

X is such that $P(X<x)=1-e^{-ax}$ If $a = 3$, find $P(X<1)$

0.950

X is such that $P(X<x)=1-e^{-ax}$ If $a = 3$, find $P(X>1)$

0.050

X follows an exponential distribution with parameter λ. If λ = 0.03, find $P(1.5<X<2.5)$

0.393

X follows an exponential distribution with parameter λ. If λ = 0.5, find $P(X<1)$

0.173

X is such that $P(X<x)=1-e^{-ax}$ If $a = 3$, find $P(0.5<X<1)$

0.029

X follows an exponential distribution with parameter λ. If λ = 0.6, find $P(1<X<2)$

0.607

X follows an exponential distribution with parameter λ. If λ = 0.5, find $P(X>1)$

0.25

X follows an exponential distribution with parameter 3. The variance of X is

0.5

X follows an exponential distribution with parameter 3. The mean of X is

1/3

X follows an exponential distribution with parameter 2. The variance of X is

1/9

X follows an exponential distribution with parameter 0.1. The mean of X is

0.917

X follows an exponential distribution with parameter 5. The variance of X is

0.04

X follows an exponential distribution with parameter 5. The mean of X is

0.2

X follows an exponential distribution with parameter 0.1. The variance of X is

10

X follows an exponential distribution with parameter 0.1. The mean of X is

100