Poisson Distribution #1

A random variable X follows Poisson distribution with mean **2.5**, find the probability with which the random variable X is equal to **5**; i.e. **P(X = 5)**.

Submission Modes and Output Format

You may submit either an R or Python program to accomplish the above task, or solve the problem on pen-and-paper. Your output should be a floating point/decimal number, correct to 3 places of decimal.

1. In the text box below, enter a floating point/decimal number, correct to 3 places of decimal.

2. Alternatively, you may submit an R program, which uses the above parameters (hard-coded) and computes the answer.

Your answer should resemble something like:

```
0.123
```

(This is **NOT** the answer, just a demonstration of what the answering format should resemble).