

Page 517 Example 17

Solutions to a Poisson problem

TI-84 Plus

```
PoissonPdf(M, ...=0
▪ M=1.6094379124...
  bound={-1E99, 1...
▪ left-rt=0
```

```
sum(seq(X*Poisso
nPdf(M,X),X,0,10
0,1))
  1.609437912
sum(seq(X^2*Poisso
nPdf(M,X),X,0,1
00,1))
  4.199728306
```

```
4.199728306-M^2
  1.609437912
■
```

Casio fx-9860GII

The Poisson PDF function cannot be used in a sequence on the Casio in this way.