

## Page 519 Example 19

### Solutions to a Poisson problem

TI-84 Plus

```
PoissonPdf(15,1)
.0828592344
PoissonPdf( $\frac{30}{12},0$ )
.0820849986
```

```
1-Poissoncdf( $\frac{30}{4}$ )
.8679381437
```

Casio fx-9860GII

```
Poisson P.D
Data      :Variable
x         :12
 $\mu$        :15
Save Res:None
Execute
```

|CALC

```
Poisson P.D
Data      :Variable
x         :12
 $\mu$        :15
Save Res:None
Execute
```

|CALC

```
Poisson P.D
Data      :Variable
x         :0
 $\mu$        :30.12
Save Res:None
Execute
```

```
Poisson P.D
P=0.08208499
```

```
Poisson C.D
Data      :Variable
x         :4
 $\mu$        :30.4
Save Res:None
Execute
```

▶ Continued on next page

Poisson C.D  
 $P=0.13206185$

1-P  
 $0.8679381437$   
□

P xInv x1Inv x2Inv

□