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Solving a probability problem

TI-84 Plus

```
normalcdf
lower: 23
upper: 1E99
μ: 21.76708
σ: 1.77693
Paste
```

```
normalcdf(23, 1E99
.243888576
Ans→P
.243888576
```

```
binomcdf(5, P, 4) -
binomcdf(5, P, 1)
.3534350472
```

```
EQUATION SOLVER
eqn: 0 = 1 - Poissonc
df(X, 3) - 0.9071
```

Casio fx-9860GII

```
Normal C.D
Lower : 23 ↑
Upper : 1E+99
σ : 1.77693
μ : 21.76708
Save Res: None
Execute
|CALC |DRAW
```

This can be done with the Casio, but is quite a lengthy process.

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```
1-Poissoncdf(...=0  
X=6.7983848618...  
bound=(-1E99,1...
```