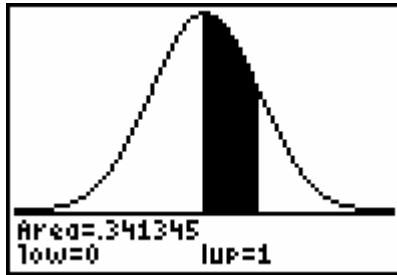


Using the TI 83 Plus, TI 84 For Standard Normal Probabilities

```
normalcdf(0,1,0,
1)
.3413447399
```

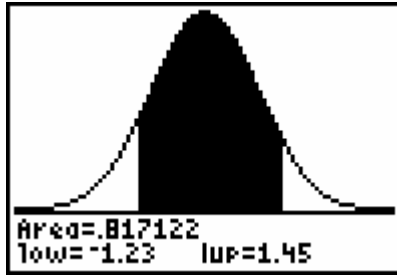


normalcdf (left, right, mean, stdev)

This is the same as looking up $z = 1.0$ on the table given in class.

What is the area under the standard normal curve from $z = -1.23$ to $z = 1.45$?

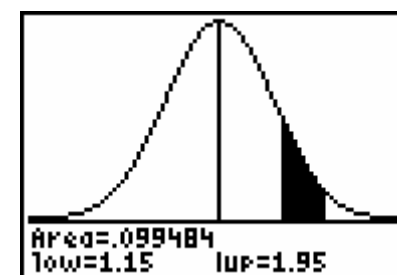
```
normalcdf(-1.23,
1.45)
.8171220829
```



On the table:
Find area for $z = -1.23$
Find area for $z = 1.45$
Add

What is the area under the standard normal curve from $z = 1.15$ to $z = 1.95$?

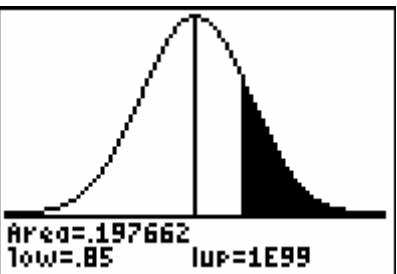
```
normalcdf(1.15,1
.95)
.0994839988
```



On the table:
Find area for $z = 1.15$
Find area for $z = 1.95$
Subtract

What is the area under the standard normal curve to the right of $z = .85$

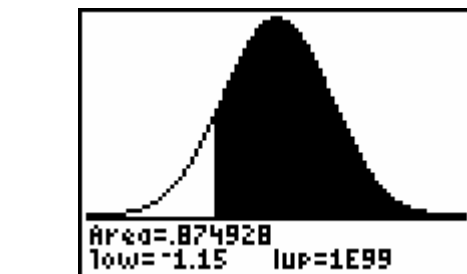
```
normalcdf(.85,E9
9)
.1976624918
```



On the table:
Find area for $z = 0.85$
Subtract **from** .50000

What is the area under the standard normal curve to the right of $z = -1.15$

```
normalcdf(-1.15,
E99)
.8749280114
```



On table:
Find area for $z = -1.15$
Add to .5000