

To find the Z-score from a given percentage use the invNorm.

invNorm (area/percentage from the left as a decimal).

DISTR
Press **2ND** **VARS** to obtain the left screen; then select 3:invNorm ENTER

```
0:QUIT DRAW  
1:normalpdf(  
2:normalcdf(  
3:invNorm(  
4:tPdf(  
5:tcdf(  
6: $\chi^2$ Pdf(  
7: $\chi^2$ cdf(  
|
```

You will obtain 1 of the screens below

```
invNorm(  
|
```

```
invNorm  
area:  
 $\mu$ :0  
 $\sigma$ :1  
Paste  
|
```

If you have the screen on the left: Specify the area/percentage from the left as a decimal, press enter to obtain the z-score.

```
invNorm(.9)  
1.281551567  
|
```

If you have the screen on the right: Enter the area/percentage from the left as a decimal, continue to press enter until Paste is highlighted, press enter again and the values will be filled into the invNorm, press enter one more time for the calculator to obtain the z-score.

```
invNorm  
area:.9  
 $\mu$ :0  
 $\sigma$ :1  
Paste  
|
```

```
invNorm(.9,0,1)  
|
```

```
invNorm(.9,0,1)  
1.281551567  
|
```