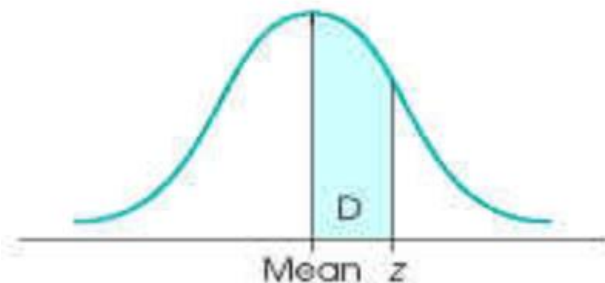
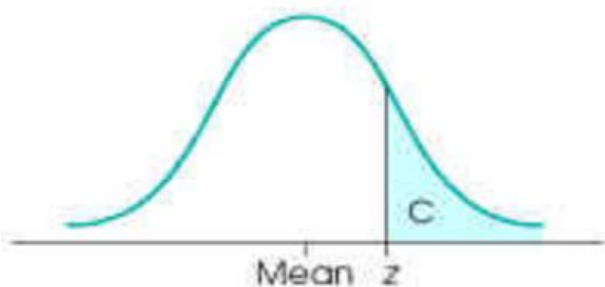
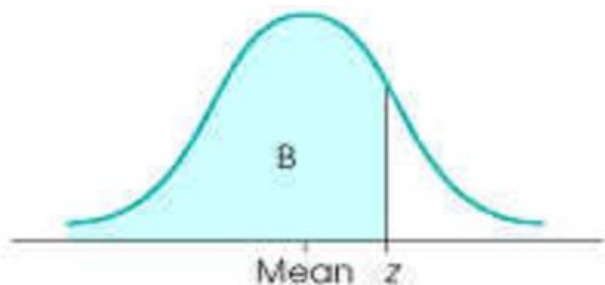


# TI-nSpire z-scores Directions

1. Open a new document
2. Add Calculator
3. MENU, Statistics, Distributions

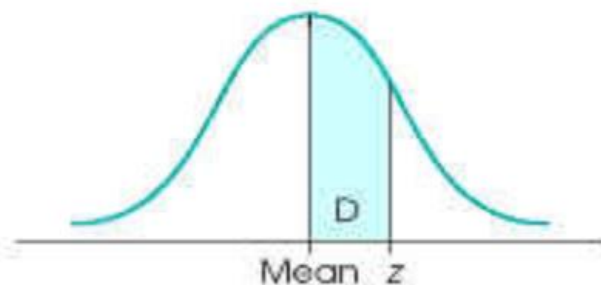
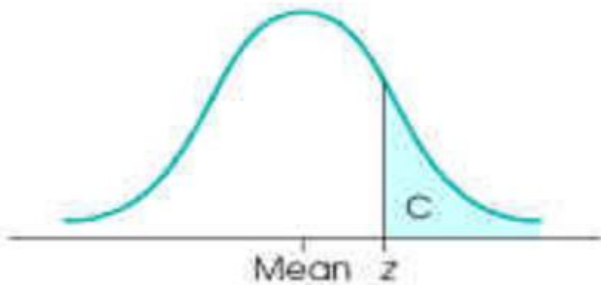
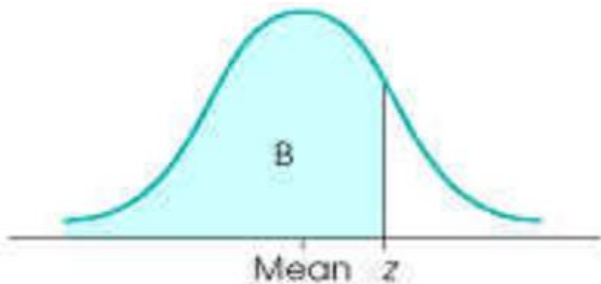
| Have the $z$ – score, want the percent:  | Have the percentile, want the $z$ – score:  |
|--|---|
| <p>4. Normal Cdf<br/>Lower Bound: (enter the <math>z</math> – score)<br/>Upper Bound: (enter the <math>z</math> – score)<br/><math>\mu</math> : 0 (leave it!)<br/><math>\sigma</math> : 1 (leave it!)</p> <p>5. OK</p> | <p>4. Inverse Norm<br/>Area: (enter the percentile as a decimal, <u>not</u> as a percent)<br/><math>\mu</math> : 0 (leave it!)<br/><math>\sigma</math> : 1 (leave it!)</p> <p>5. OK</p> |



# New TI-84 z-scores Directions

1. Make sure you have a blank screen
2. 2<sup>nd</sup>, VARS

| Have the $z$ - score, want the percent:  | Have the percentile, want the $z$ - score:   |
|--|--|
| 3. normalcdf<br>Lower Bound: (enter the $z$ - score)<br>Upper Bound: (enter the $z$ - score)<br>$\mu$ : 0 (leave it!)<br>$\sigma$ : 1 (leave it!)<br>4. Go down to PASTE and press ENTER<br>5. ENTER again | 3. invNorm<br>Area: (enter the percentile as a decimal, <u>not</u> as a percent)<br>$\mu$ : 0 (leave it!)<br>$\sigma$ : 1 (leave it!)<br>4. Go down to PASTE and press ENTER<br>5. ENTER again<br><b>**this always is from <math>-\infty</math> up**</b> |



# Old TI-83/84 z-scores Directions

1. Make sure you have a blank screen
2. 2<sup>nd</sup>, VARS

| Have the $z$ -score, want the percent:                     | Have the percentile, want the $z$ -score:                        |
|--|--|
| 3. normalcdf( lower bound, upper bound, 0, 1 )<br>4. ENTER | 3. invNorm( percentile [enter as a decimal], 0 , 1 )<br>4. ENTER |

