

Math 110

How to Use the TI-83 for Chapter 7

Key Word:

Normally Distributed

Find a probability

a)  $P(a < x < b)$

**Distr**  
**Normal(cdf** **Enter**  
Input **a, b)** **Enter**

b)  $P(x > b)$

**Distr**  
**Normal(cdf** **Enter**  
Input **b, 6)** **Enter**

c)  $P(x < a)$

**Distr**  
**Normal(cdf** **Enter**  
Input **-6, a)** **Enter**

Find a score

**Distr**  
**InvNorm(** **Enter**  
Input the area in the left tail **)** **Enter**