

## Page 540 Example 34

### Calculations with the standard normal

TI-84 Plus	Casio fx-9860GII
<pre> normalcdf lower: -1E99 upper: 1 μ: 0 σ: 1 Paste </pre>	<pre> Normal C.D Lower : -1E+99      ↑ Upper : 1 σ : 1 μ : 0 Save Res: None Execute  CALC   DRAW  </pre>
<pre> normalcdf(-1E99,           .8413447404 </pre>	<pre> Normal C.D P = 0.84134474 z: Low = -1E+99 z: UP = 1 </pre>
<pre> invNorm area: 0.8 μ: 0 σ: 1 Paste </pre>	<pre> Inverse Normal Tail : Left      ↑ Area : 0.8 σ : 1 μ : 0 Save Res: None Execute  CALC  </pre>
<pre> invNorm(0.8, 0, 1)           .8416212335 </pre>	<pre> Inverse Normal xInv = 0.84162123 </pre>