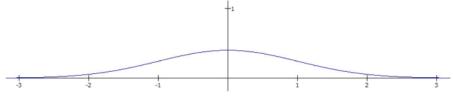
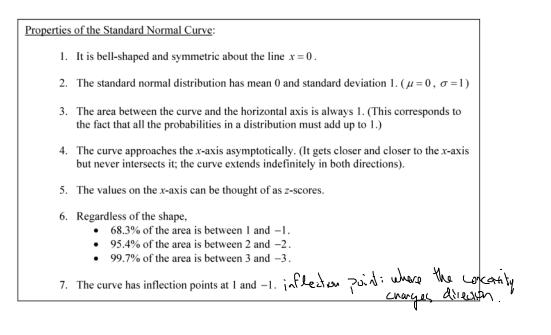
7.1: Areas Under the Standard Normal Curve

Areas under the standard normal curve:

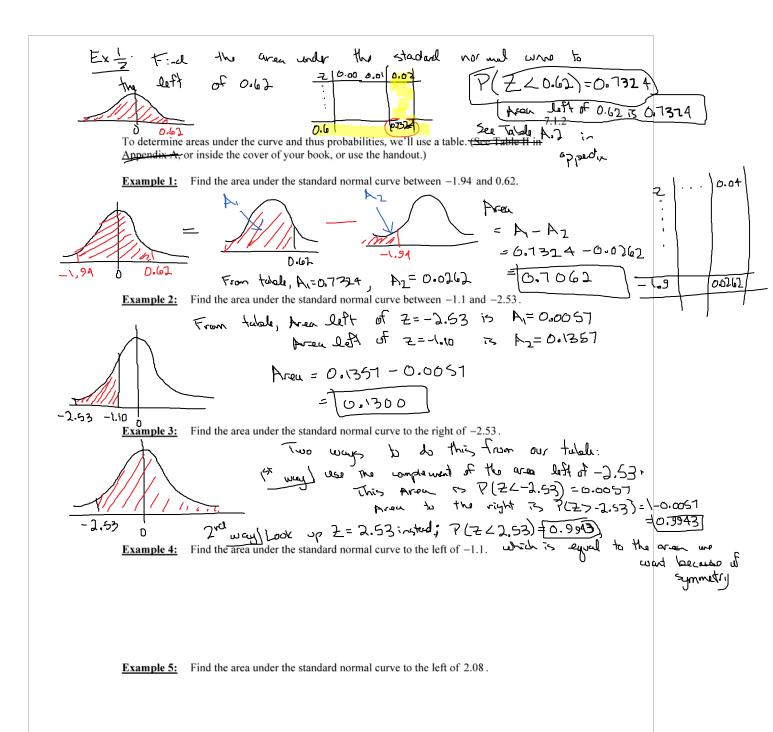
One of the many remarkable things about normal curves is that for any normal curve, with any mean and standard deviation, the areas under the curve (and thus the associated probabilities and percentages) can be determined easily by using only one table.

The standard normal curve:





7.1.1



Finding a z-score associated with a certain area:

The symbol z_{α} indicates the z-score which has an area α to its right.

Example 6: Find $z_{0.10}$, $z_{0.05}$, $z_{0.025}$, and $z_{0.0015}$.

7.1.3

Wednesday, October 16, 2019 10:31 AM

