**Math 161: the insider’s view of Quiz X**

1. Area between two curves: for example, y = x2 + 3x and y = 2x – x2 + 1.
2. FTC (version 2): Let . .
3. Hyperbolic identity: For example, show, using only algebra, that

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1. Find the area beneath a curve, using the FTC (main version). For example, find the area beneath the curve
2. Interpreting the Riemann integral, as we did for the “tree problem,” (U.M.) #2, Nov 26 discussion sheet, viz.
3. Extra Credit: Similar to: solve for f(x):

