Either print out the commands required to do each of the following problems or write the commands required to do each problem out underneath each problem. If you choose to print out your commands, be sure to put your name on the print out. Questions asking you to draw a graph will be graded partly on how good your picture is. So be sure to look at them before printing.

Name: ______________________________

1. Plot the graph of $f(x, y) = y \cos(x)$ for $-\pi \leq x \leq \pi$ and $-2 \leq y \leq 2$.

2. Calculate $I = \int_1^4 \sqrt{1 + x^4} \, dx$ and determine if $I > 22$.

3. Calculate $\sum_{i=1}^{65} \frac{\cos(i^2)}{i+1}$ accurate to exactly three decimal places.