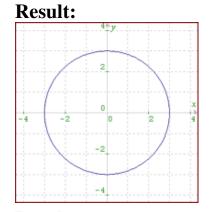
Happy Graphs

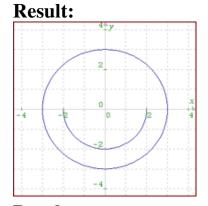
I maintain that there is happiness to be found in mathematics.

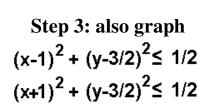
What follows is a short proof.

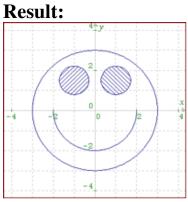
Step 1: Graph $x^2 + y^2 = 9$



Step 2: also graph $y = \sqrt{(4-x^2)}$







Q.E.D.