Problem of the Week #6

Directions: Solve the following problem. The explanation must be on a separate sheet of paper. Show all work on one to two pages. Your explanation of your solution must be as thorough as possible. This problem will be due on 5/6/2003 and is worth 20 points.

An archery target is one meter in diameter. If 10% of the arrows striking the target strike the bull’s-eye, what is the diameter of the bull’s-eye? Assume that the arrows strike randomly.

Name_________________
Period_____