

MthT 430 Essay 2

The Square Root of 2 is Irrational

Due October 10, 2007

This assignment should be **typed**.

For suggestions on typing, see

<http://www2.math.uic.edu/~lewis/mtht430/430type.pdf>

Figures may be drawn freehand.

Write an essay which includes a proof of the result that the square root of 2 is an irrational number. Please make your explanation very detailed.

Cite any sources/resources you use.