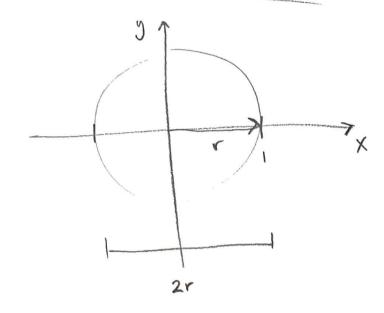
PL Calculation





$$A_c = \pi r^2$$

$$A_5 = 4r^2$$

Now, the ratio:

$$\frac{A_c}{A_s} = \frac{\pi Z}{4Z} = \frac{\pi}{4}$$

$$T = 4 \frac{A_c}{A_s}$$

By randomly generating N points inside the square, approximately N.I. of the M points should Sall in the circle: