

Engineering 102-518
Lab and Assignment #2b
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You start by calculating the area of the circle by multiplying Pi and the length from A to D squared so $\pi(AD)^2 = \text{Area of the circle}$

After finding the Area of the circle you find the Area of the square using the length from A To C squared so $AC^2 = \text{Area of the square}$

After finding the area of the circle and the area of the square you subtract the area of the circle from the area of the square and you have the area within the perimeter of the circle but outside the area of the square