

Download Area Of A Circle Problems

The distance around a circle is called its circumference. The distance across a circle through its center is called its diameter. We use the Greek letter (pronounced Pi) to represent the ratio of the circumference of a circle to the diameter. In the last lesson, we learned that the formula for circumference of a circle is: $C = \pi d$. Example: Sam cuts grass at \$0.10 per square meter. How much does Sam earn cutting this area? Let's break the area into two parts: Part A is a square: How to Calculate the Area of a Circle. A common problem in geometry class is to have you calculate the area of a circle based on provided information. You need to know the formula for finding the area of a circle, $A = \pi r^2$. The formula is... Since the formula for the area of a circle squares the radius, the area of the larger circle is always 4 (or 2²) times the smaller circle. Think about it: You are doubling a number (which means $\times 2$) and then squaring this (ie squaring 2) --which leads to a new area that is four times the smaller one. - Area Of A Circle Problems