

# How to Measure Turf Areas

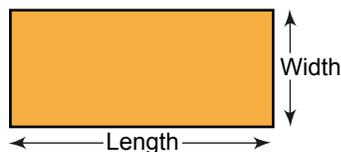
## What you'll need:

-  Tape measure or wheel
-  Plain or graph paper

**Step 1:** Sketch the shape of the area of lawn that you want to remove or replace.

**Step 2:** Most landscapes are not perfectly shaped. If yours is irregular, break the landscape into separate squares, rectangles, circles and triangles. Measure the square footage of each shape, and add the area measurements together.

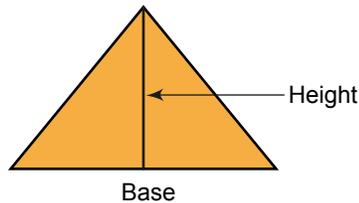
### Rectangle or square



$$\text{Area} = \text{Length} \times \text{Width}$$

*in feet*

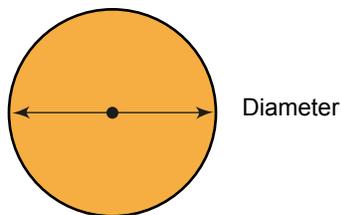
### Regular Triangle



$$\text{Area} = \text{Base} \times \text{Height} \times 0.5$$

*in feet*

### Circle

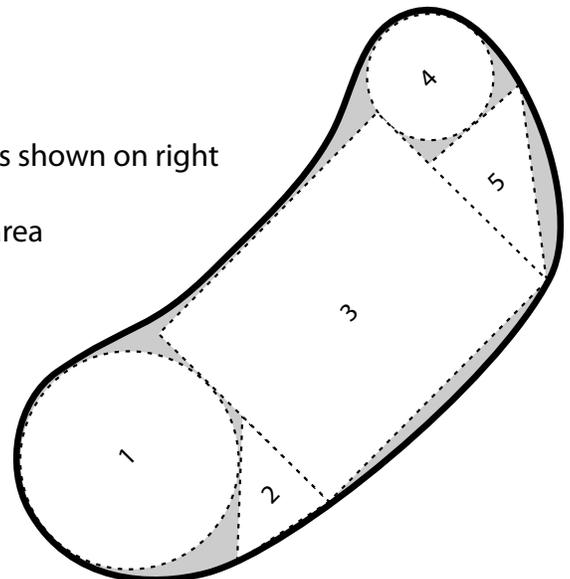


$$\text{Radius} = \text{diameter} \times 0.5$$
$$\text{Area} = 3.14 \times \text{Radius} \times \text{Radius}$$

*in feet*

## Example for odd shaped areas:

- 1) Segment the turf area into large geometric shapes, as shown on right
- 2) Measure each shape and calculate the area
- 3) Add the area measurements for the total estimated area



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