

How to Measure For Sod

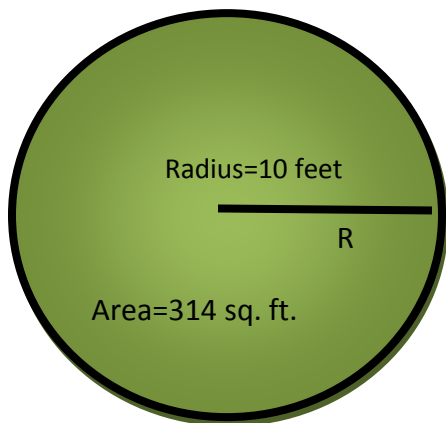
CIRCULAR AREA

$$\text{Area} = 3.14 \times R^2$$

Example: Circle's radius (r) is 10 feet. Multiply the known 3.14 by the radius squared, thus:

$$\text{Area} = 3.14 \times (10 \times 10)$$

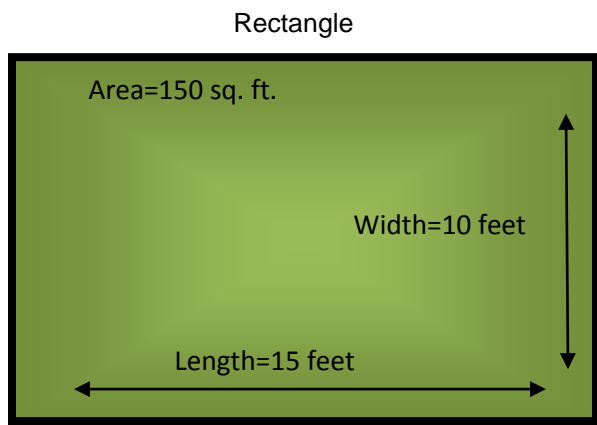
$$\text{Area} = 314 \text{ square feet}$$



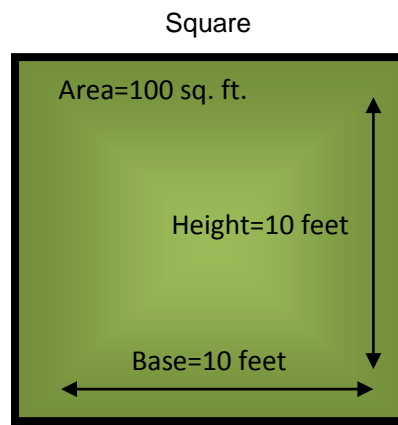
The radius is half the distance across the circle.

SQUARE/RECTANGLE AREA

$$\text{Area} = \text{Base} \times \text{Height} \text{ or } \text{Length} \times \text{Width}$$



Example: Length is 15ft, and the Width is 10ft.
Area = 15ft. x 10ft. = 150 square feet

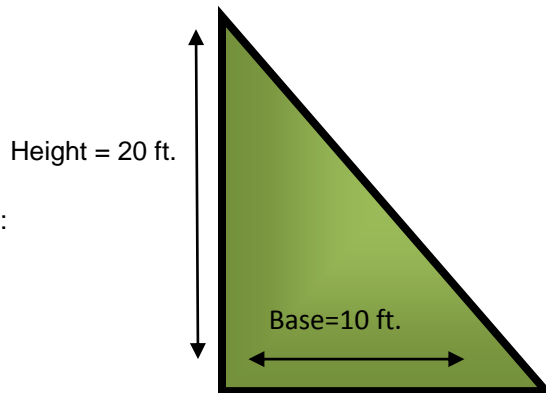


Example: Base is 10ft., and the Height is 10ft.
Area = 10ft. x 10ft. = 100 square feet

TRIANGULAR AREA

$$\text{Area} = (\text{Base} \times \text{Height}) / 2$$

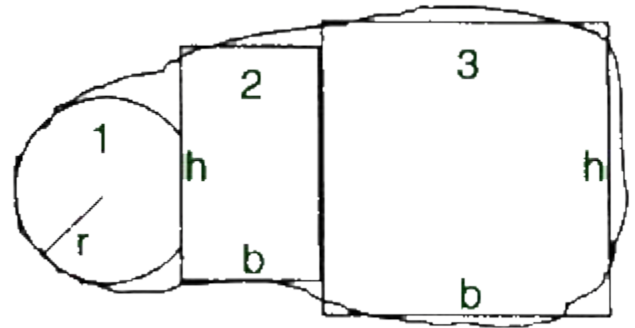
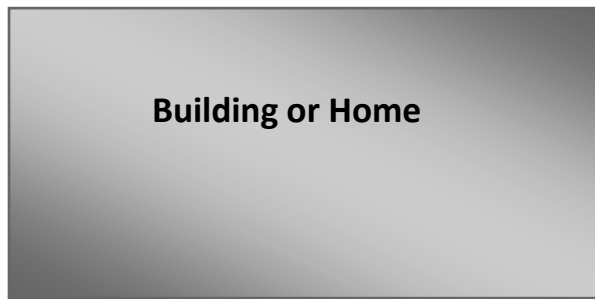
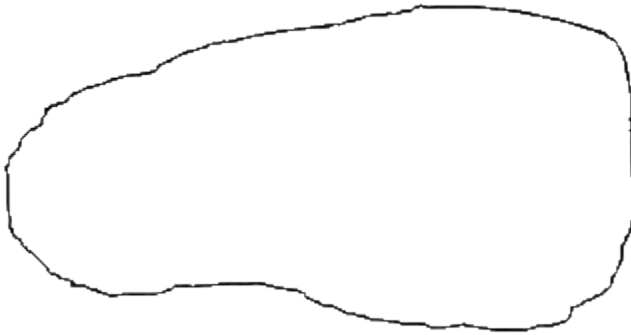
Example: Base is 10 feet, and the Height is 20 feet, thus:
Area = 10ft. x 20ft. = 200 / 2 = 100 sq. ft.



COMBINATION FREE-FORM & BREAKDOWN TO FORMS

Break the free-form area to obvious forms and calculate each form's area. Once each form is calculated, add the areas together to derive a total area.

Example of a front yard being measured for sod.



Example of how to add up the measurements:

$$\text{Area \#1} = R^2 \times 3.14$$

$$\text{Area \#2} = \text{Length} \times \text{Width}$$

$$\text{Area \#3} = \text{Base} \times \text{Height}$$

$$\text{Total Sq. Ft. of Project} = \text{Area \#1} + \text{Area \#2} + \text{Area \#3}$$

It is usually a good idea to add an additional 5% to the Total.