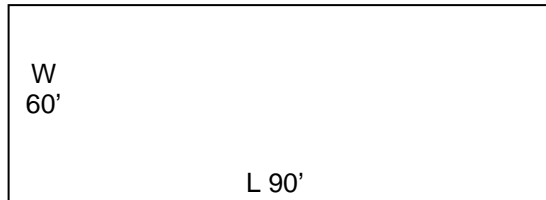


How to Measure...Lawn Square Footage



Square or Rectangle

$$\text{Area} = L \times W$$

L = Length

W = Width

$$A = 90' \times 60'$$

$$A = 5,400 \text{ square feet}$$

Triangle

$$\text{Area} = \frac{1}{2} (B \times H)$$

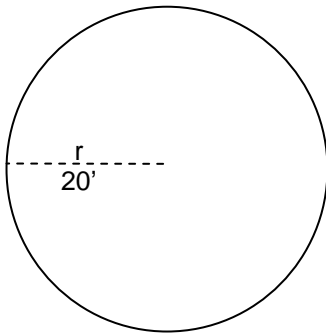
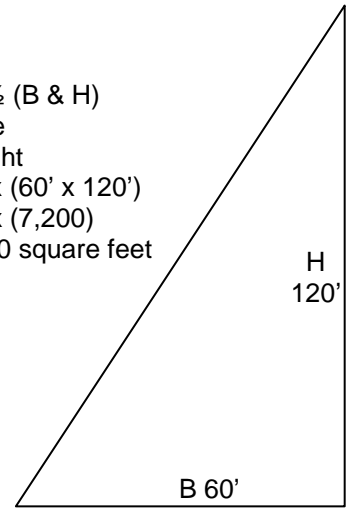
B = Base

H = Height

$$A = 0.5 \times (60' \times 120')$$

$$A = 0.5 \times (7,200)$$

$$A = 3,600 \text{ square feet}$$



Circle

$$\text{Area} = \pi r^2$$

π = Greek letter Pi = 3.14

r = radius

$$A = 3.14 \times (20' \times 20')$$

$$A = 1,256 \text{ square feet}$$

Unusual Shapes

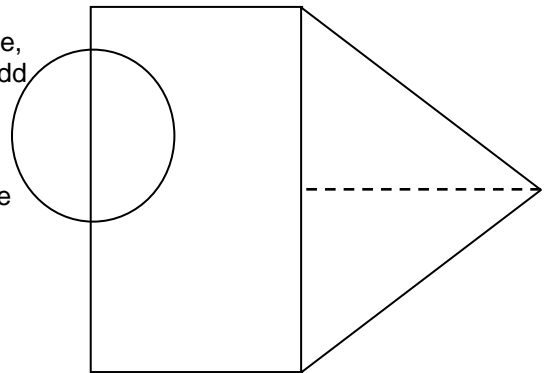
Make calculations by sections and add them together for a final TOTAL. In this example, calculate these areas and add them together:

Area of triangle

Area of rectangle

One-half of area of circle

TOTAL = square feet of unusual shape.



Irregular Shapes

Measure along (W) axis of the area.

Every 10 feet along the width line, measure the length at right angles to the width line.

Total lengths and multiply by 10

$$\text{Area} = A_1A_2 + B_1B_2 + C_1C_2, \text{ etc.}) \times 10$$

$$A = (40' + 60' + 32') \times 10$$

$$A = 132' \times 10$$

$$A = 1,320 \text{ square feet}$$

