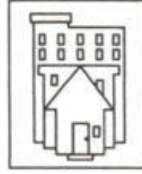


# CORUM

REAL ESTATE COMPANY



## MEASUREMENTS

### Computing Square Feet

| SQ FT     | Acres | SQ FT   | Acres | SQ FT   | Acres | SQ FT   | Acres |
|-----------|-------|---------|-------|---------|-------|---------|-------|
| 1,742,400 | 40    | 217,800 | 5     | 26,136  | 0.6   | 3,049.2 | 0.07  |
| 1,306,800 | 30    | 174,240 | 4     | 21,780  | 0.5   | 2,613.6 | 0.06  |
| 8,715,200 | 20    | 130,680 | 3     | 17,424  | 0.4   | 2,178.0 | 0.05  |
| 435,600   | 10    | 87,120  | 2     | 13,068  | 0.3   | 1,742.4 | 0.04  |
| 392,040   | 9     | 43,560  | 1     | 8,712   | 0.2   | 1,306.8 | 0.03  |
| 348,480   | 8     | 39,204  | 0.9   | 4,356   | 0.1   | 871.2   | 0.02  |
| 304,920   | 7     | 34,848  | 0.8   | 3,920.4 | 0.09  | 435.6   | 0.01  |
| 261,360   | 6     | 30,492  | 0.7   | 3,484.8 | 0.08  |         |       |

### Number of Various Lots per Acre

For the purpose of subdivision, the number of lots per acre given below must be adjusted to allow for streets and other dedications.

| Lot Size | Approx. No of Lots per Acre | Lot Size | Approx. No of Lots per Acre | Lot Size | Approx. No of Lots per Acre | Lot Size | Approx. No of Lots per Acre |
|----------|-----------------------------|----------|-----------------------------|----------|-----------------------------|----------|-----------------------------|
| 25 x 100 | 17.42                       | 30 x 100 | 14.52                       | 50 x 100 | 17.42                       | 30 x 100 | 14.52                       |
| 25 x 125 | 14.52                       | 30 x 120 | 12.1                        | 50 x 120 | 14.52                       | 30 x 120 | 12.1                        |

**Widths Times Depths Equaling One Acre**

| 1 ACRE EQUALS |           | 1 ACRE EQUALS |          | 1 ACRE EQUALS |         |
|---------------|-----------|---------------|----------|---------------|---------|
| Length        | Width     | Length        | Width    | Length        | Width   |
| 16.5 ft       | 2640. ft. | 66. ft        | 660. ft. | 132. ft       | 330. ft |
| 33.           | 1320.     | 75.           | 580.8    | 150.          | 290.4   |
| 50.           | 871.2     | 100.          | 435.6    | 208.71        | 208.71  |

**Price Per Acre Produced by Certain Prices  
Per Square Foot**

| CENTS PER SQ. FOOT | \$ PER ACRE | CENTS PER SQ. FOOT | \$ PER ACRE | CENTS PER SQ. FOOT | \$ PER ACRE | CENTS PER SQ. FOOT | \$ PER ACRE |
|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|
| 1¢                 | \$ 435.60   | 9¢                 | \$3,920.40  | 30¢                | \$13,068    | 70¢                | \$30,492    |
| 2                  | 871.20      | 10                 | 4,356.00    | 35                 | \$15,246    | 75                 | \$32,670    |
| 3                  | 1,306.80    | 12                 | 5,227.20    | 40                 | \$17,424    | 80                 | \$34,848    |
| 4                  | 1,742.40    | 14                 | 6,098.40    | 45                 | \$19,602    | 85                 | \$37,026    |
| 5                  | 2,178.00    | 16                 | 6,969.60    | 50                 | \$21,780    | 90                 | \$39,204    |
| 6                  | 2,613.60    | 18                 | 7,840.88    | 55                 | \$23,958    | 95                 | \$41,382    |
| 7                  | 3,049.20    | 20                 | 8,712.00    | 60                 | \$26,136    | 100                | \$43,560    |
| 8                  | 3,484.80    | 25                 | 10,890.00   | 65                 | \$28,314    |                    |             |

## MEASUREMENT FORMULAS

$$\text{Circumference of circle} = 3.1416 \times \text{diameter} = \frac{22 \times \text{diameter}}{7}$$

$$\text{Area of circle} = .7854 \times \text{diameter} \times \text{diameter}$$

$$\text{Area of rectangle} = \text{length} \times \text{width}$$

$$\text{Area of triangle} = .05 \times \text{base} \times \text{altitude}$$

$$\text{Volume of cylinder} = .7854 \times \text{height} \times \text{diameter} \times \text{diameter}$$

$$\text{Volume of cone (like a stack of grain)} = .2618 \times \text{height} \times \text{diameter} \times \text{diameter}$$

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## MEASUREMENT EQUIVALENTS AND FORMULAS

### CONVERSION EQUIVALENTS

12 inches = 1 foot

3 feet = 1 yard

5,280 feet = 1 mile

16 ½ feet = 1 rod

320 rods = 1 mile

144 square inches = 1 square foot

9 square feet = 1 square yard

1 inch = 2.54 centimeters

1 meter = 39.37 inches

1 square mile = 640 acres

1 acre = 43,560 square

60 miles per hour = 88 feet per second

1,728 cubic inches = 1 cubic foot

27 cubic feet = cubic yard

1 bushel = 1 cubic feet

1 cubic foot water weighs 62.4 pounds

1 cord = 128 cubic feet

31 ½ gallons = 1 barrel

1 pint = 16 ounces

1 quart = 32 ounces

1 peck = 8 quarts

1 bushel = 4 pecks