

Finding Measurements

Circumference of a Circle: Multiply diameter by 3.1416
Diameter of a Circle: Multiply circumference by .31831
Area of a Circle: Multiply square of a radius by 3.1416
Area of a Rectangle: Length multiplied by breadth
Area of a Triangle: Multiply base by 1/2 perpendicular height

Side of Square Inscribed in a Circle: Multiply diameter by 0.7071, or
Multiply circumference by 0.2251, or
Divide circumference by 4.4428

Diameter of a Circle Circumscribing a Square: Multiply one side by 1.4142

A side multiplied by 4.4428 equals circumference of its circumscribing circle.

A side multiplied by 1.128 equals diameter of a circle of equal area.

A side multiplied by 3.547 equals circumference of a circle of equal area.

Cubic contents of a cone: Multiply area of base by 1/3 the altitude

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