

The Correct Value For all Circles

This is a new method find to calculate all circles with the correct number.

How do you easily find the number of the $\text{Pi} = 3.141592653$, try yourself!

We have three figures of Squares which they have relationship with Circles, Cylinders, Cube, Sphere.

The figures are squares and their circles, "Diameters Equal Sides".

Not: every Square has into a circle which means Side equal Diameter.

In that case Square sorted in tree groups, group 1, group 2, and group 3.

All groups of the Squares have Area and Circumference. But they have different qualification in Area and circumference. By that mean

1. Group one: areas smaller than perimeters. Squares side bigger than 0 and smaller than 4 units.
2. Group two: Area equal Perimeter. Squares Side only 4 units
3. Group three: areas bigger than perimeters. Squares side bigger than 4 units to infinite.

Now you need a formula to use the squares side put into the formulae than you get a value.

The formula is: Percentage formula : $\Rightarrow Q = (\ln \sqrt{s^2 * 2}) / \ln s)^2 / 2$

Some example: with the value (Q) you calculate Area and Circumference.

Some example below:

$4Q = \text{Constant value}$

When you put a side of a square into the formula $(\ln \sqrt{s^2 * 2}) \div \ln s)^2 * 2 = 4Q$ obtain.

With the value (4Q) you can calculate circumference and area also calculate its diameter via application.

You put number of sides 1000, 100, 10, 9, 8, 7, 6, 5, "4", 3.929, 3.928105767, 3.9, 3.5, 3.0, 2.5, 2.0, 1.5

... into formula which that produces for each a value. Whit values you solve circles Areas and

Circumferences note Diameter uses as square's side has put into formula. (Value multiplies Square side as diameter). Then the circles Areas and Circumferences divide with the value of pi 3.14152653, in that case you give for each a new diameter. If a diameter becomes the same as side it is correct value, if not try another square side. **Important notice:** the Square side of 3.928105767 in group one gives pi 3.14152653

You try first with group one, second try group three, third try with the group two. Try until you get diameter equal to the side. When you get a diameter equal to the side that is correct value and it shall become valid to all circles to solve their circumferences and areas. The calculation below helps you.

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You first applying the Grading System for Squares as below, than whit their results you construct Grading System for Circles as below. The calculation below helps you. **Very Important notice:** the Square side of **3.928105767...** in group one into formula obtain **pi** number **3.141592653...**

Grading system one			Grading system Two		
	Squares			Circles	
	9.5-10-100	Area > Perimeter		2.6473695...	
Group three	6-7-8-9	diameter < Side	Group three	2.680688798...	Area bigger then Circumference
	4.5-5		diameter < side	2.775856154...	
	4.1			2.848533192...	
Group two	← 4 →	Perimeter = Area		2.954094263...	
	3.999	Side = Diameter	Group two	← 3.125 →	Area Equal Circumference
			Diameter = Side		
Group one	3.928105767	Perimeter > Area		3.140...	
	2.5-3-3.5	diameter > side		3.141381411...	
	0.5-1-1.5-2.0		Group one	<u>3.141592653...</u>	Circumference bigger then Area
			diameter > side	3.148296604...	
				3.259657054...	
				3.46089568...	

With the value you obtained circumference and area, divide with (pi) = 3.141592653 than you obtain a new diameter. With the value and new diameter calculate again area and circumference. If you obtain diameter as square side that is correct, if not that is wrong. The calculation below helps you.

Value of the square with side 6

$$\text{Value} = (\ln \sqrt{(6^2 * 2) / \ln 6})^2 * 2 = 2.848533192...$$

Value of the square with side 5

$$\text{Value} = (\ln \sqrt{(5^2 * 2) / \ln 5})^2 * 2 = 2.954094263...$$

Value of the square with side 4

$$\text{Value} = (\ln \sqrt{(4^2 * 2) / \ln 4})^2 * 2 = 3.125$$

Value of the square with side 3.929

$$\text{Value} = (\ln \sqrt{(3.929^2 * 2) / \ln 3.929})^2 * 2 = 3.141381411...$$

Value of the square with side 3.928105767

$$\text{Value Of Pi} = (\ln \sqrt{(3.928105767^2 * 2) / \ln 3.928105767})^2 * 2 = 3.141592653$$

Value of the square with side 3.9

$$\text{Value} = (\ln \sqrt{(3.9^2 * 2) / \ln 3.9})^2 * 2 = 3.148296604...$$

Value of the square with side 3.5

$$\text{Value} = (\ln \sqrt{(3.5^2 * 2) / \ln 3.5})^2 * 2 = 3.25965705...$$

Value of the square with side 3

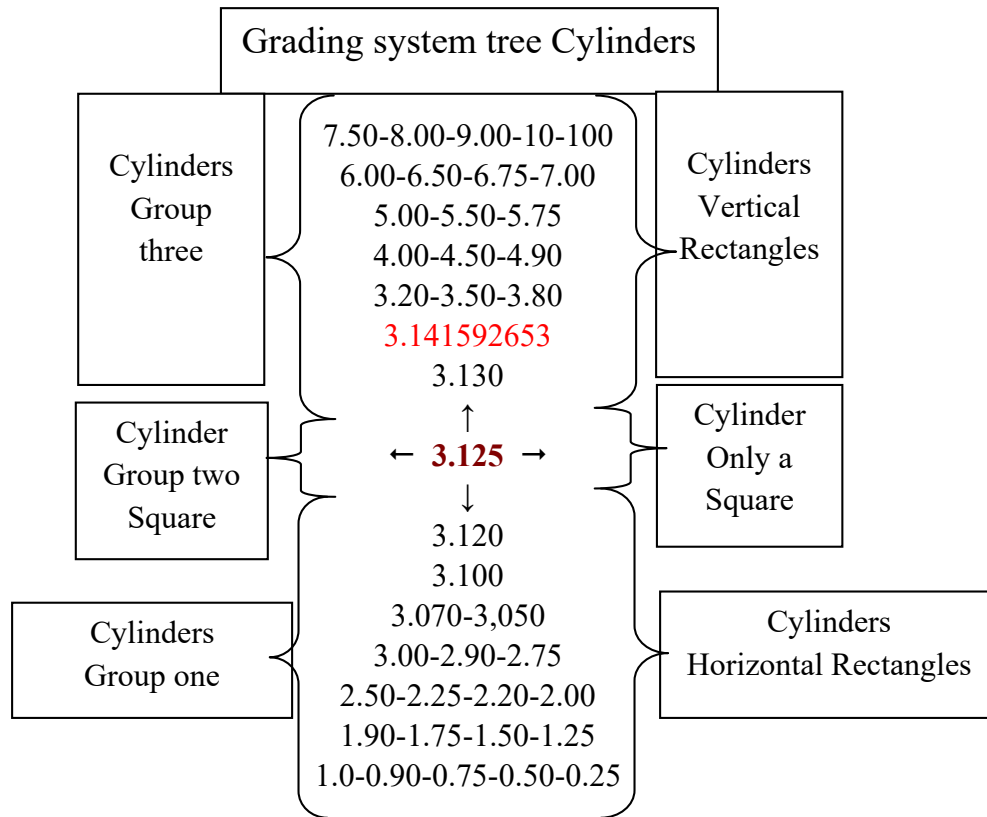
$$\text{Value} = (\ln \sqrt{(3^2 * 2) / \ln 3})^2 * 2 = 3.460895684...$$

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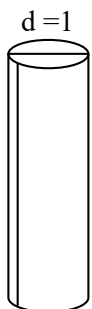
Grading system tree Cylinders

When we use cylinders with diameter 1 unit and their height with different unit, they obtain different quadrangular whit width 3.125 units when rule once. Note the only a square sides are 3.125 units.

See grading system III.



This cylinder with different height rules once.



D= 1.0

Horizontal rectangle

Cylinders in Group one produce Horizontal rectangles

D= 1.0

Cylinder in Group two only one Cylinder produces a Square

D= 1.0

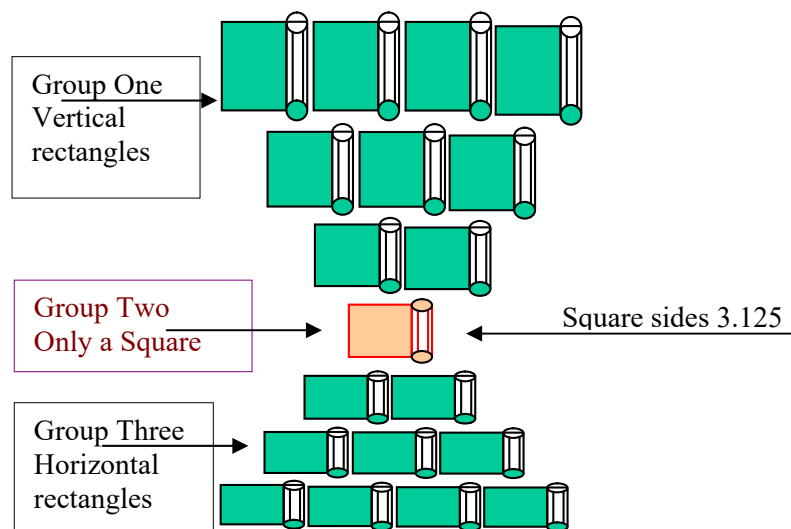
Cylinders in group three produce Vertical rectangles

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The mantle area and perimeter of cylinders are three different forms when rules one, because of that cylinder also divide into three groups of their patterns (different quadrangular). Cylinders diameter are 1 u.l. and their height are different. Where only a cylinder's mantle is square which has relation whit circle and square in group two. All quadrangular width is side of 3.125 units when rule once.

See below grading system III.

Look at the cylinder figures, all with diameter 1 u.l.



The relationship between the total area of the cube and the total area of the cylinder is

$2R$ equal 1.28, $2R = 1.28$

Total area of cube and mantle area of cylinder is $3R = 1.92$

Mantel area cube and mantle area cylinder is $2R = 1.28$

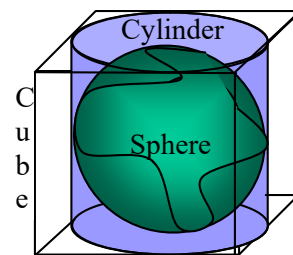
❖ Volume of cube and volume of cylinder is $2R = 1.28$

❖ Volume of cylinder and volume of cube is $M = 0.78125$

The relationship between cube total area and sphere area is $3R = 1.92$.

Mantle area of cube and sphere area is $2R = 1.28$

❖ Volume of cube and volume of sphere is $1.92 = 3R$



The relationship between the mantle area of the cylinder and the area of the sphere is 1.

Total area of cylinder and area of sphere is $1.5 = 3/2$.

Area of sphere and total area of cylinder is $2/3$.

Area of sphere * M * $2R$ * $3/2$ = total area of cylinder

Total area of cylinder * M * $2R$ * $2/3$ = area of sphere

❖ Cylinder volume and sphere volume is $1.5 = 3/2$.

Volume of cylinder * M * $2R$ * $3/2$ = volume of sphere

❖ Volume of sphere and volume of cylinder is $2/3$

Volume of sphere * M * $2R$ * $2/3$ = volume of cylinder