

World Circumference Theorem (1758th Proof)

R. Sarva Jagannadha Reddy

Date of Submission: 24-10-2023

Date of Acceptance: 04-11-2023

Diameter = d

Circumference = πd

“ $\sqrt{2}$ ” exists not only in the circumference and also exists in the diameter of circle.

To find the circumference

Step 1 : Multiply diameter with $\sqrt{2} = \sqrt{2} d$

Step 2 : Subtract $\sqrt{2} d$ from 14 times of diameter = $(14d - \sqrt{2}d)$

Step 3: Take $\frac{1}{4}$ of $(14d - \sqrt{2}d)$

$$= \frac{(14 - \sqrt{2})}{4} d$$

Statement:

$\frac{1}{4}$ th of, “ $\sqrt{2}$ of diameter subtracted - 14 diameters” is the circumference of circle.

$$\frac{14d - \sqrt{2}d}{4} = \frac{(14 - \sqrt{2})d}{4} = \pi d$$

$$\pi = \frac{14 - \sqrt{2}}{4}$$

