



Pi Day 2025

Vocabulary

Circle

The set of points in a plane everywhere equidistant from a given fixed point, the center.

Circumference

The distance around a circle; the perimeter of a circle.

Diameter

The distance across a circle. The chord of a circle that passes through the center.

Irrational

A number that cannot be written as a common fraction. Every irrational number can be written as a nonrepeating, nonterminating decimal.

Pi (π)

The ratio of the circumference of a circle to its diameter. "The distance around a circle divided by the distance across is always the same number, namely, π ."

Pi is an irrational number. Its decimal expansion begins with 3.141592653 ...

Radius

A line segment that joins the center of a circle with any point on its circumference. The distance from the center of a circle to any point on the circle.

Ratio

A comparison of two numbers by division.

A quotient used to compare two or more quantities of the same units of measure.

A statement of the relative size of two quantities (numbers, functions, and so on), expressed as a quotient.