## Pi on The Keyboard



Composer Debussy wrote that "Music is a mysterious mathematics whose elements partake of the Infinite". It works the other way around too. Mathematics is a mysterious and beautiful music that puts one in touch with the Infinite. As Plato would say, mathematics reminds us that more things exist than just the finite and physical. This particularly applies to those parts of mathematics which relate to infinity, such as the number pi.

The circumference (all the way around the circle) is $3.14159265 \ldots$ a number known as Pi

Pi (pronounced like "pie") is often written using the Greek symbol $\pi$.
The definition of $\pi$ is: The circumference divided by the diameter of a circle.
The circumference divided by the diameter of a circle is always $\pi$, no matter how large or small the circle is!


$$
\frac{\text { Circumference }}{\text { Diameter }}=\pi=3.14159 \ldots
$$

