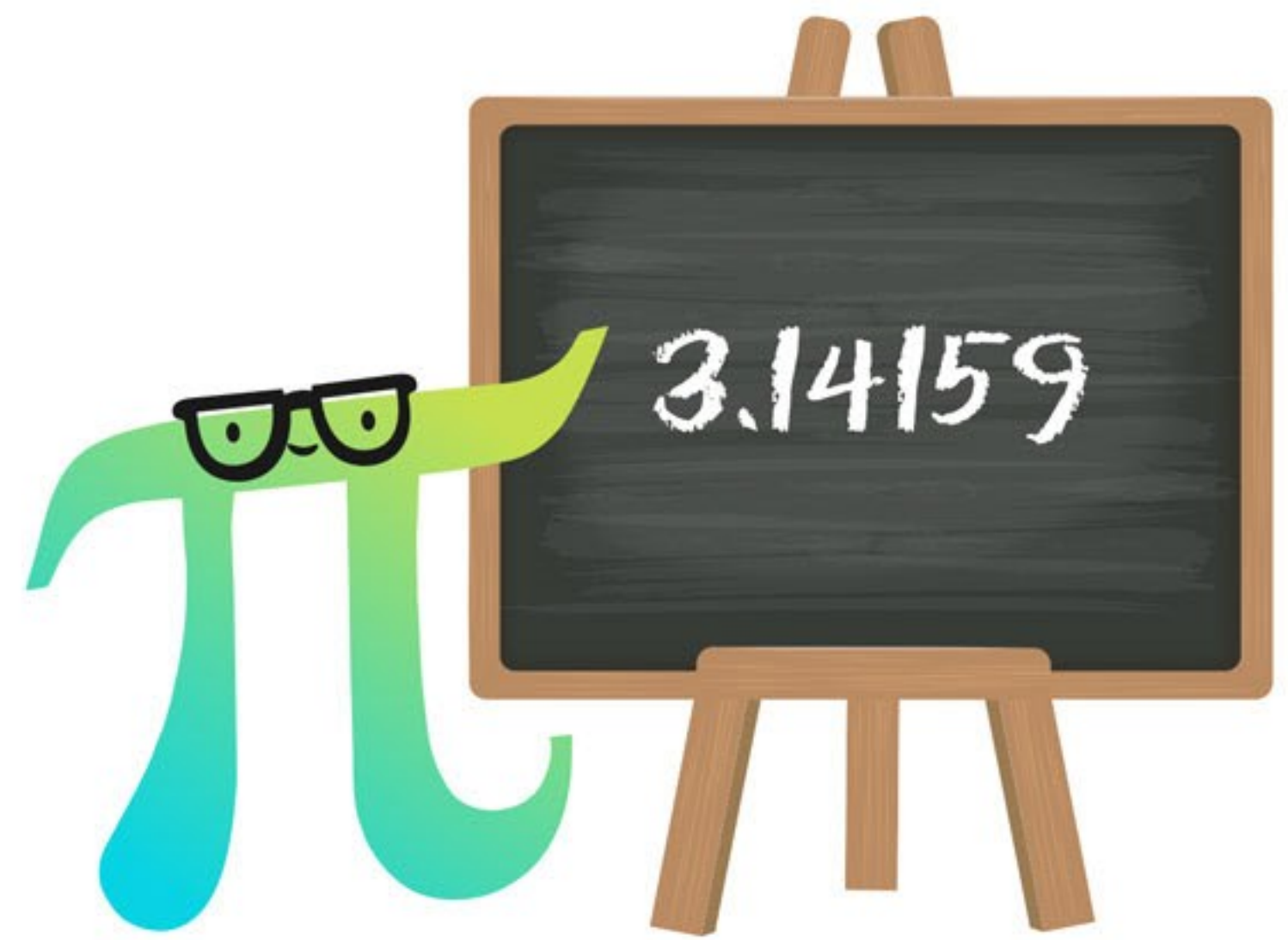# π PI DAY — MARCH 14TH

Pi Day is celebrated on March 14th (3/14) around the world. Pi (Greek letter "π") is the symbol used in mathematics to represent a constant — the ratio of the circumference of a circle to its diameter — which is approximately 3.14159. Pi Day is an annual opportunity for math enthusiasts to recite the infinite digits of Pi, talk to their friends about math, and to eat Pie.
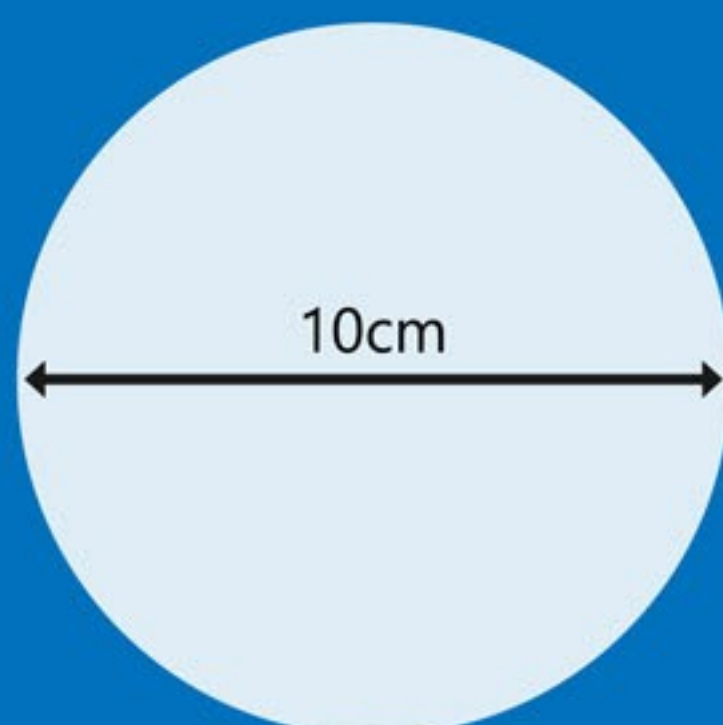
π Amazing Pi Fact!

The record for reciting the most number of decimal places of Pi was achieved by Rajveer Meena at VIT University, Vellore, India on 21 March 2015. He was able to recite 70,000 decimal places. To maintain the sanctity of the record, Rajveer wore a blindfold throughout the duration of his recall, which took an astonishing 10 hours!

Here are the first 20 digits of Pi -

3.14159265358979323846

Try memorizing them then cover up the digits and see how many you can recall below

3.

We know that circumference ÷ diameter = π
Therefore circumference = π x diameter

QUESTION

A circle has a diameter of 10cm. Work out its circumference using π = 3.14

10cm

π PI DAY — MARCH 14TH

Pi has been calculated to over one trillion digits beyond its decimal point. As an irrational and transcendental number, it will continue infinitely without repetition or pattern. While only a handful of digits are needed for typical calculations, Pi's infinite nature makes it a fun challenge to memorize, and to computationally calculate more and more digits.

π Pi Fun Tip!

If you remember this phrase -
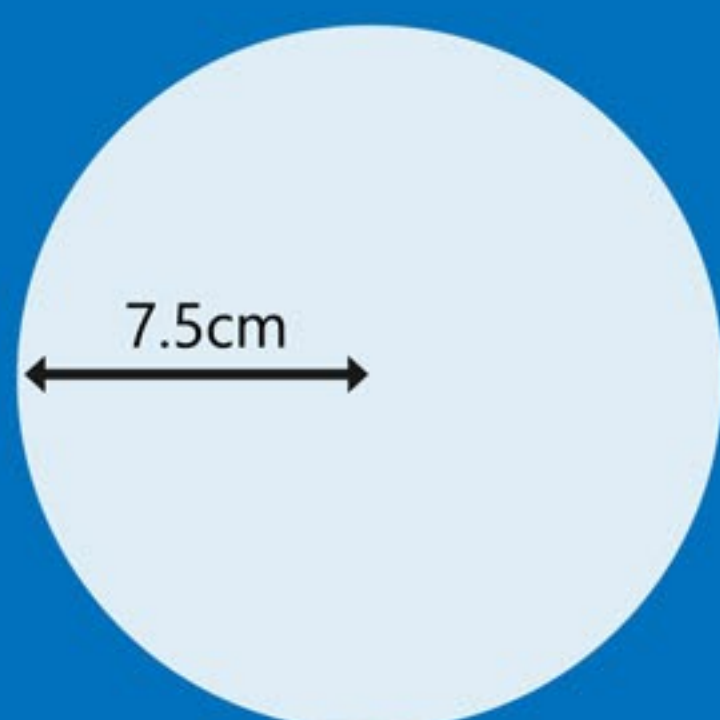**"Can I have a small container of coffee?"**
Then you will always know the beginning of Pi by counting the number of letters in each word

Classroom Challenge

Make a paper chain that goes around the classroom with each link decorated with the number it represents

You'll need a lot of Pi digits so visit this page to help you - www.piday.org/million

7.5cm

The distance from the centre of a circle to its edge is known as the radius

QUESTION

With a radius of 7.5cm calculate the diameter then work out its circumference using $\pi = 3.14$