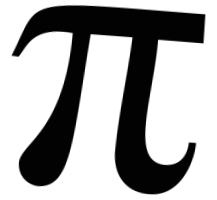


Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

March 14th = Happy Pi Day!



Fill in the missing information for each Pi Day fun fact:

- 1.) Pi Day is celebrated on _____ each year because....
- 2.) Pi Day was first celebrated in _____ in _____.
- 3.) Pi is the ration of any circle's _____ to its _____.

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

- 4.) The earliest reference to Pi occurred in _____ around the year 1650 B.C.
- 5.) What mathematician first adopted the Pi Symbol in 1737?

- 6.) You could calculate the spherical volume of the entire universe with the first _____ digits of Pi!
- 7.) The number 1 occurs the most in the first 100,000 decimals of Pi. How many times does it occur?
- 8.) Most _____ offer special deals and discounts on Pi Day.
- 9.) Name one famous person who was born on Pi Day:
- 10.) Approximately how long would it take a person to recite the 6.4 billion known digits of Pi without stopping?
- 11.) Pi is used to measure _____ emanating from a central point.
- 12.) Who holds the record for discovering the most number of digits of Pi AND how many decimal places did they calculate?

13.) Most Americans prefer pie over cake! According to a survey by *LiveScience*, what are the five most popular types of pie in the U.S.?

1.) _____

2.) _____

3.) _____

4.) _____

5.) _____

**** Extra Credit ****

Using either books from the library or the internet, research three additional interesting facts about Pi Day or the π symbol.

#	<i>Interesting Fact</i>
1	
2	
3	