

Name: _____

Pi Day WebQuest

Mrs. Gardner

In this webquest, you may use www.google.com to help you search for the answers, and then write your answers. Or go to the websites indicated and then write your answers.

1. Find the current number of decimal places out to which Pi has been calculated
2. What famous mathematician was born on March 14?
3. Find a Pi poem or any math poem you find interesting or funny. Copy the first 4 lines of the poem here (or 5 if it's a limerick):

4. Look up the first 120,000 digits of Pi. What is the 50th digit?
5. Find your favorite Pi joke. Write the joke here:

6. What is the location of your birth date in Pi (like 3.14 are the first four digits...)?
7. Name 5 important facts about Pi.
 - a.
 - b.
 - c.
 - d.
 - e.
8. Send your math teacher a "Pi Day" greeting card. Go to this site http://www.123greetings.com/events/pi_day/ and find a nice card to send. Then Ms. DeLallo's email address is kdelallo@chatham.k12.nc.us, and Ms. Walker's email address is lwalker@chatham.k12.nc.us. Just briefly describe which card you picked.

Go to this website and read about "Buffon's Needle".

<http://mste.illinois.edu/reese/buffon/buffon.html>

9. Briefly describe the concept.

10. Now click on "Run the simulation using a Java applet", and try it out. What did you learn?