Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class\_\_\_\_\_\_\_\_\_

**Directions:**

*Type* or *copy and paste* your answers below then print a copy to hand in at the end of class.

This activity is worth 20 points! Calculate your points as you fill in the blanks below.

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# **Learning about Pi (7 possible points)**

1. List the two [definitions](http://library.thinkquest.org/C0110195/what/what.html) of pi. (2 points)
2. With the use of computers, Pi has been calculated to over 1 trillion digits past the decimal. Find the number of [digits](http://www.math.com/tables/constants/pi.htm) of Pi that has been calculated as of 1999. (1 point)
3. Look up the first [10,000 digits](http://www.joyofpi.com/pi.html) of Pi. What is the 50th digit? (1 point)
4. What famous [mathematician](http://www.famousbirthdays.com/mar.html) was born on March 14? (1 point)
5. What day is celebrated on [July 22](http://www.rebas.se/humor/piapprox.shtml)? What does this mean? (2 points)

**Fun with Pi (5 possible points)**

1. When does your [birthday](http://www.facade.com/legacy/amiinpi/) first appear in Pi? (1 point)
2. Which song did you listen to? (1 point)
3. Include your favorite [Pi joke](http://www.googolpower.com/content/free-learning-resources/math-activities-games/pi-jokes-for-kids). Be prepared to tell it to the class! (1 point)
4. Select your favorite [Pi comic](file:///C:\Documents%20and%20Settings\dawsjee\Desktop\Dawson\Morton\Math\Resources\Webquests\pi.day\comics.docx) to copy and paste into the answer document. (1 point)
5. Choose a piece of [Pi art](http://www.paperpen.com/pi/index.html)  to copy and paste into the answer document. (1 point)

**Scavenger Hunt for Pi (13 possible points)**

\*\*\* Include the URL for each of your answers in order to earn credit.

1. Who holds the record for memorizing and reciting the most digits of pi?

List the number of digits, name, and year. (3 points)

1. Find the US city with a ZIP code containing the first 5 digits of pi, beginning with 3.

Name the city, state, and ZIP code. (3 points)

1. Find the US state which tried to legislate a value of pi.

Name the state and the year in which the action was taken. (2 points)

1. Find one mathematical formula that includes pi, excluding Area or Circumference.

List the formula in symbols and explain what it represents. (2 points)

1. Find a recipe for your favorite PIE. Copy and paste into the answer document.

Include the type of pie, the ingredients, and the directions. (3 points)