

PI SCAVENGER HUNT

Name: _____

Period: _____

1. What's the connection between Indiana State Legislature House Bill No. 246, 1897 and Pi?
2. Who first calculated pi?
3. List the first 20 digits of pi:
4. How many digits of pi have been discovered?
5. What is the zip code of Fruit Street in Savannah, Georgia?
6. Go to the site <http://mypiday.com/> and type in your birthday (example: If you were born Feb 20th, 1989, search for: 02201989). Where does your birthday occur in pi?
7. Go to the site <http://www.123greetings.com/events/pi> and send someone you know a Pi Day card.
8. Everyone knows that 7 is a lucky number. There are many times in Pi where the number 7 repeats itself nine times. Go to the site <http://www.angio.net/pi/piquery> and type in 777777777 and write down the placements of that string of numbers.
9. On the site <http://www.subidiom.com/pi/pi.asp> find the largest sequential string of numbers (i.e. 12345...) that occur in pi.
10. What were the Egyptian and Babylonian values (and/or symbols) for pi?
11. NASA uses Pi in all of its satellites. They need to be accurate while, at the same time, allow their computers to run quickly and efficiently. How many digits of Pi do they use in order to be accurate AND efficient?
12. Who has the record for having the most digits of pi memorized?
13. Send a pi joke or pi meme to Mr. Bronson at tbronson@pasco.k12.fl.us

PI SCAVENGER HUNT

Answer Key

Name: _____

Period: _____

1. What's the connection between Indiana State Legislature House Bill No. 246, 1897 and Pi?
Legislative Bill to change the value of Pi to 3 (as it states in the Bible)
2. Who first calculated pi?
Archimedes of Syracuse
3. List the first 20 digits of pi:
3.14159265358979323846
4. How many digits of pi have been discovered?
31,415,926,535,897 digits
5. What is the zip code of Fruit Street in Savannah, Georgia?
31415
6. Go to the site <http://mypiday.com/> and type in your birthday (example: If you were born Feb 20th, 1989, search for: 02201989). Where does your birthday occur in pi?
Answers will vary
7. Go to the site <http://www.123greetings.com/events/pi> and send someone you know a Pi Day card.
Answers will vary
8. Everyone knows that 7 is a lucky number. There are many times in Pi where the number 7 repeats itself nine times. Go to the site <http://www.angio.net/pi/piquery> and type in 777777777 and write down the first placement of that string of numbers.
24,658,601
9. On the site <http://www.subidiom.com/pi/pi.asp> find the largest sequential string of numbers (i.e. 12345...) that occur in pi.
**012345678 appears at the 956,753,745th decimal digit or
123456789 appears at the 523,551,502nd decimal digit**
10. What were the Egyptian and Babylonian values (and/or symbols) for pi?
Babylonians 3.125 Egyptians: 3.1605 or $256/81$ ($4/3$)⁴
11. NASA uses Pi in all of its satellites. They need to be accurate while, at the same time, allow their computers to run quickly and efficiently. How many digits of Pi do they use in order to be accurate AND efficient?
15 digits
12. Who has the record for having the most digits of pi memorized?
Akira Haraguchi – 111,700 (unofficial) or Rajveer Meena – 70,000 (Guinness)
13. Send a pi joke or pi meme to Mr. Bronson at tbronson@pasco.k12.fl.us
Answers will vary