**All information will be saved in a word document in order for you to submit electronically**

**Save in this format: FirstLastNameGeometry#Hour**

**Problem One**

**Step 1.** Using internet resources locate information on the Tower of Pisa. And include the following:

***Example Picture******(attach image to fit)*:**

***Location:*** *City of Pisa, Italy*

***Dimensions:***

|  |  |
| --- | --- |
| *Height* | *55.86 meters* |
| *Diameter at Base* | *15.84 meters* |
| *Interior Diameter* | *7.36 meters* |

***Five Facts about Tower of Pisa:***

1. Add your information here
2. Briefly tell why it is interesting
3. Share information most people would not know
4. Could be about history
5. Could be trivial information

**Step 2.** Set up a right triangle for the problem below with the information you have acquired. (You may have a few educated guesses)

You can use your picture to draw on or create a triangle to setup your problem. **Example:**

179ft

90°

x

17ft

Resources: SOH-CAH-TOA The Tan (x) = 179feet/17feet

 Solve for angle x. Angle x = 84.57°