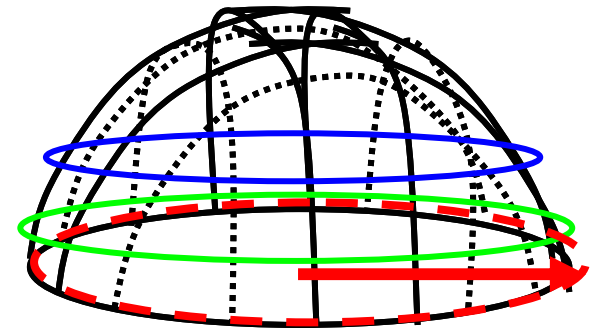
Wigwametry Checklist

Students: Please make sure that you have completed ALL of the following before placing and lashing your poles.

- ☐ I understand that Native people mastered math and science but did not express or write about it the way we do in school.
- ☐ I wrote the definition of a circle in my own words
- ☐ I made my circle.
- ☐ I showed a teacher or adult how I made my circle.
- ☐ I labeled the radius and diameter of my circle.
- ☐ I calculated the circumference of my circle.
- ☐ I figured out the ratio of the diameter (across) to circumference (around).
- ☐ I solved one of the problems given.
- ☐ I showed how I solved the problem.
- ☐ I marked the position of my poles.
- ☐ I measured and cut the mats for my floor.
- ☐ I found the area of my squares.
- ☐ I found the area of my structural floor.

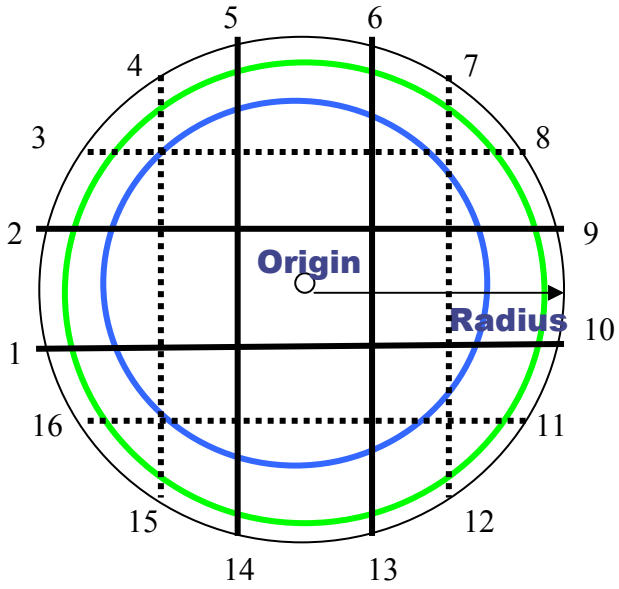
The radius of Tony's wigwam is ____ inches. What is the circumference and area of his floor?



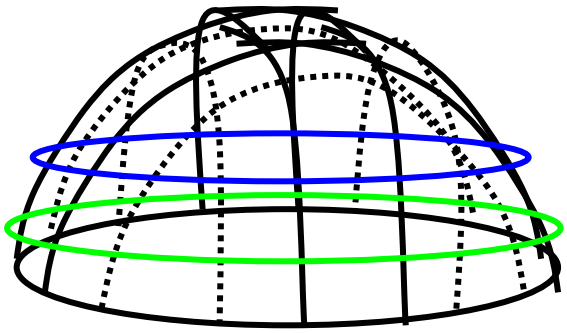
___ inches

Workspace

Wigwam Floor Plan



This is the floor plan of your structure with 16 pole positions. It will help to number and connect each position during the building of the frame.



Once you have positioned and lashed each pole, you will create two support rings. These rings will be attached to the outside of your structure and lashed at each intersection.