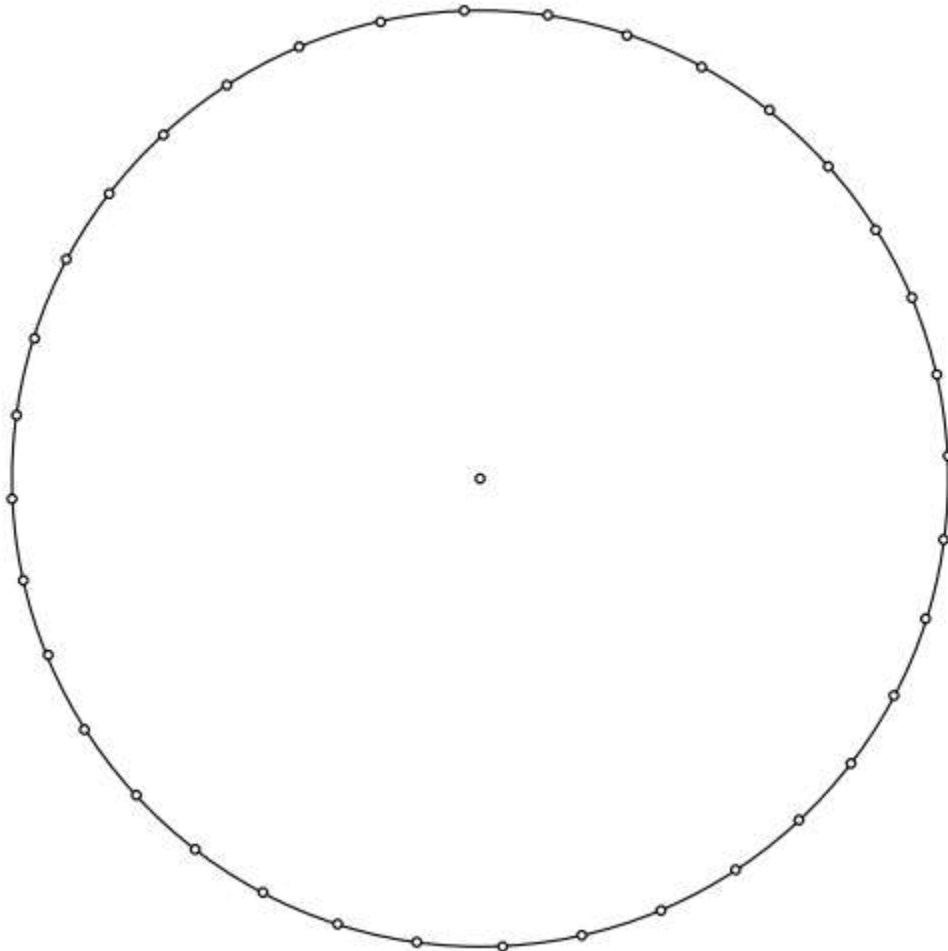


Discovering Central Angles & Arcs

Answer/do the following:

- How many degrees are in an entire circle? _____
- How many points are on the circle? _____
- How far apart (in degrees) are the points from each other? _____
- Select 4 random points from the circle and color them in. Then using a protractor, connect the center of the circle to each of the four points you selected, extending a little bit beyond the points (thus creating 4 regions).
- Write the measure of each arc (created by your angles) around the outside of the circle.
- Using your protractor, measure each angle created in the circle. Record the measure of the angle next to each angle.



Aha Moment: What did you notice/can conclude about central angles and their arcs?