

We are going to create a unit circle where the radius is equal to the length of the segment below. Break off a piece of spaghetti to the exact length of the segment shown.

Next, on the axis below, create a circle centered at the origin with the radius equal to the length of spaghetti.

Now place 5 marks on the circle in each quadrant. Each of the points must be equally spaced. (It is easiest to start with the middle point and then place two points on either side of the middle point.)

Label all of the points and angles on the unit circle. You may refer the unit circle that was given to you. Be sure to label all angles in both radians and degrees. (You must ignore the first and last point in each quadrant as they are not part of the unit circle.)

Segment

