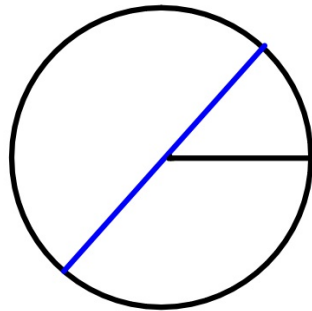


*Get in your assigned seat.

*What is a circle?

*What is a circle?

The set of all points equidistant to the center point.





Circle

radius

a segment that connects the center of a circle to any point on the circle

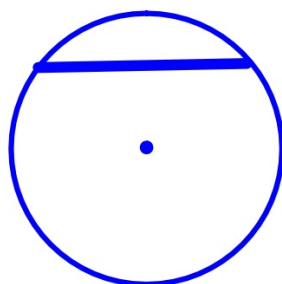


diameter

a segment that connects 2 points on the circle and goes through the center

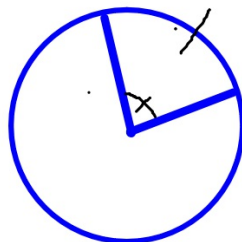
chord

a segment that connects 2 points on a circle



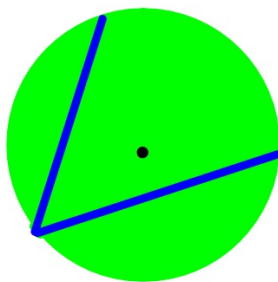
central angle

an angle with its vertex at the center of the circle

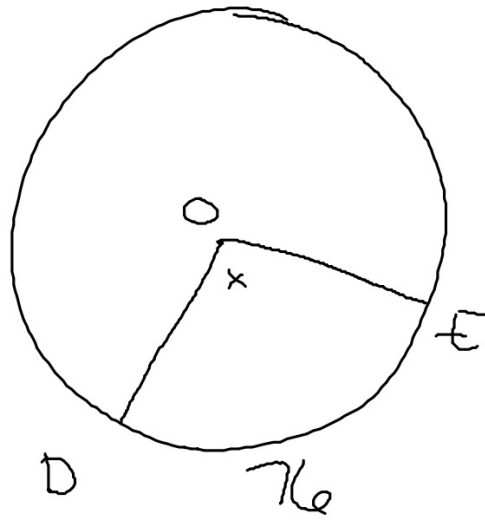


inscribed angle

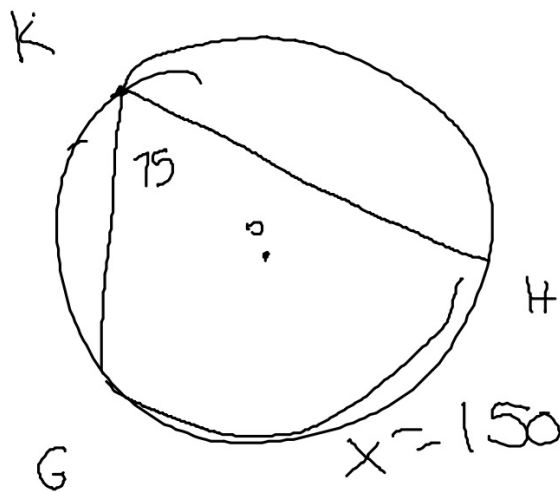
the vertex of the angle is on the circle



$$m\angle = \frac{1}{2}m$$



$$x = 76$$



What is the m. \widehat{GH} ?

$$m\angle = \frac{1}{2}m\widehat{\quad} \quad 75 = \frac{1}{2}x$$