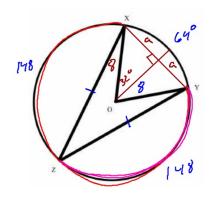




1. 2.

In the diagram below, the radius of the circle with center O is 8 cm, and $m\widehat{XY} = 64^{\circ}$. Find each of the following measures. XZ = YZ SOH - CAH - TOA



$$m\widehat{XZY} = 296^{\circ}$$

$$m\widehat{YZ} = 148$$

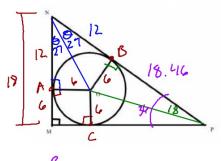
$$m \angle XOY = GY^{\circ}$$

$$m \angle XZY = 32^{\circ}$$

$$a = 85 in 32^{\circ}$$

= 4,23

Each side of right ΔMNP is tangent to circle O. The radius of the circle is 6 cm and the length of MN is 18 cm. Find each of the following. Show your work.



$$m \angle N = 54^{\circ}$$

$$m \angle P = 36^{\circ}$$

