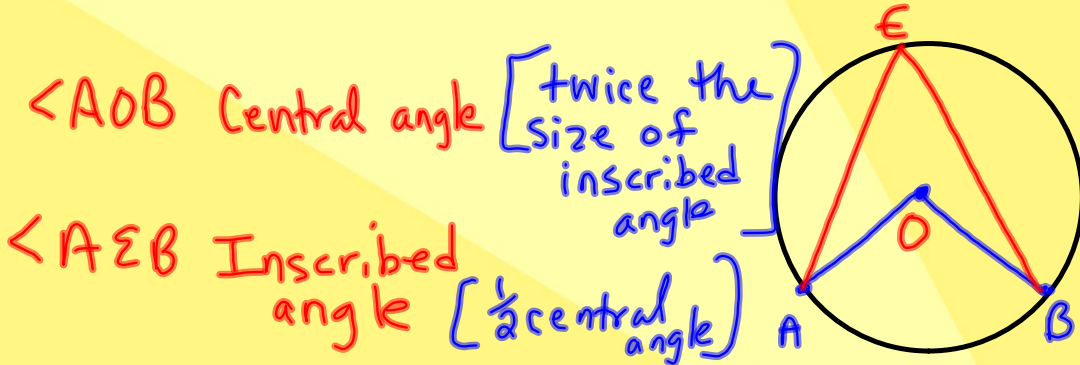
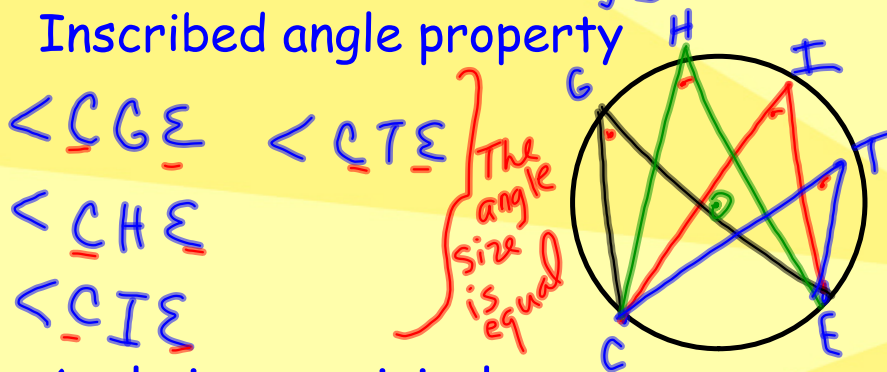


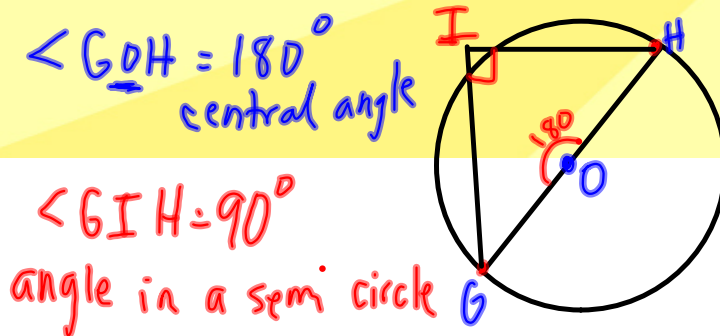
1. Central angle and inscribed angle property



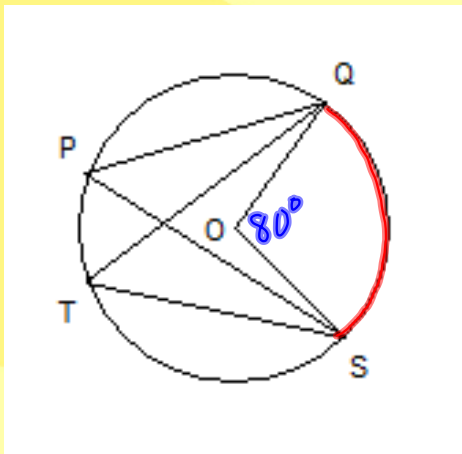
2. Inscribed angle property



3. Angle in a semicircle



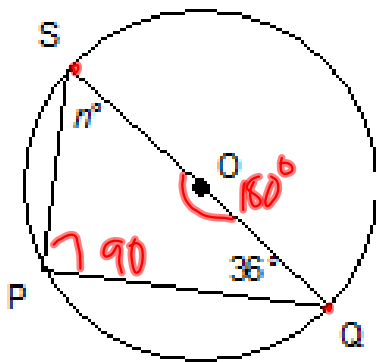
Identify all the inscribed angles subtended by minor arc QS



$\angle QPS$

$\angle QTS$

$\angle QOS = 80^\circ$



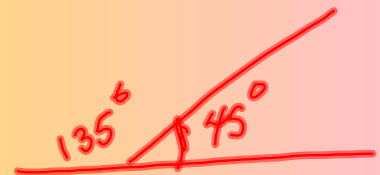
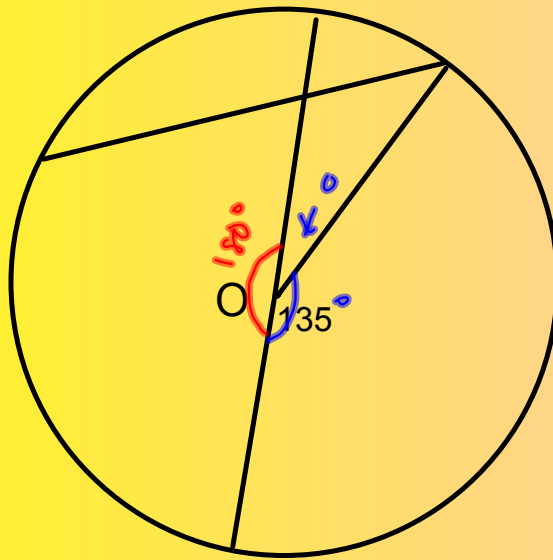
1) Find n°

2) Give the property used.

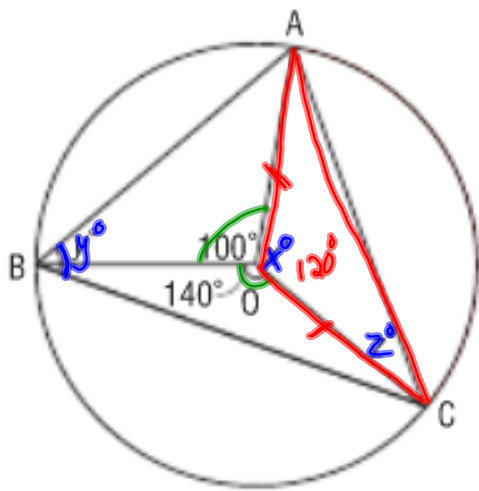
$$n^\circ$$

$$90 + 36 + \underline{54} = 180^\circ$$

The sum of central angles in a circle is 360



$\angle AOB = 100^\circ$ and $\angle COB = 140^\circ$
 Determine the values of x° , y° , and z° .



remember the radius

Name the unknown angles:

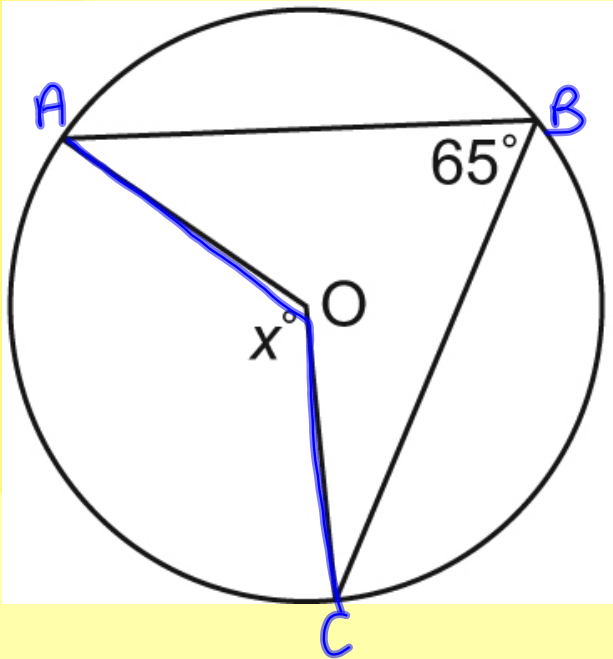
$$\angle AOC = 120^\circ$$

$$\angle ABC = 60^\circ$$

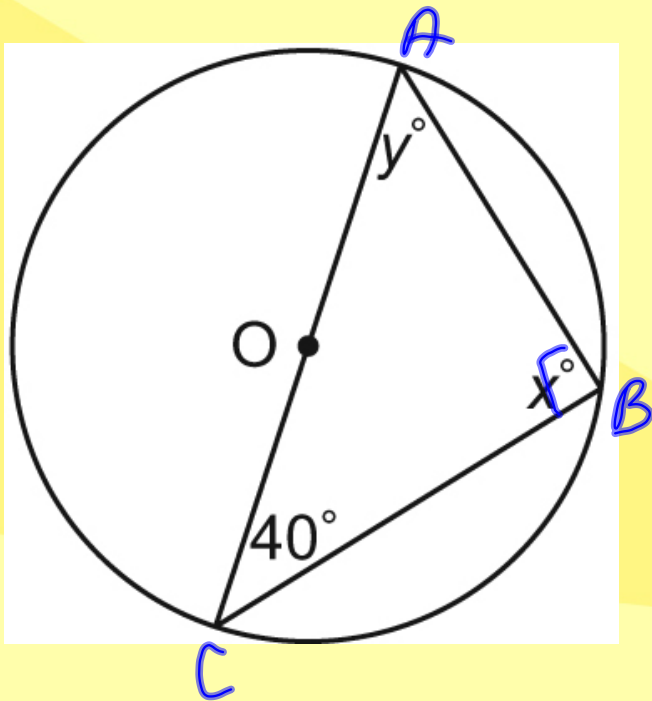
$$\angle ACO = 30^\circ$$



$$120 + 60 = 180$$



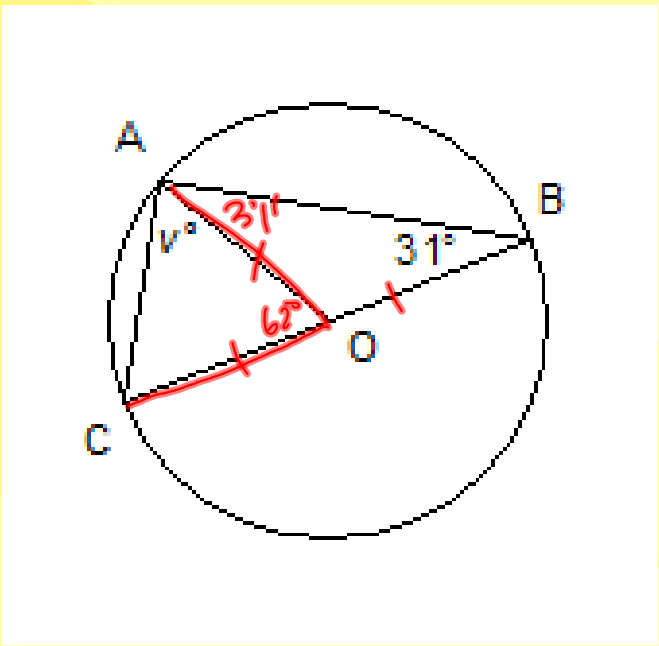
$$\angle AOC = 130^\circ$$

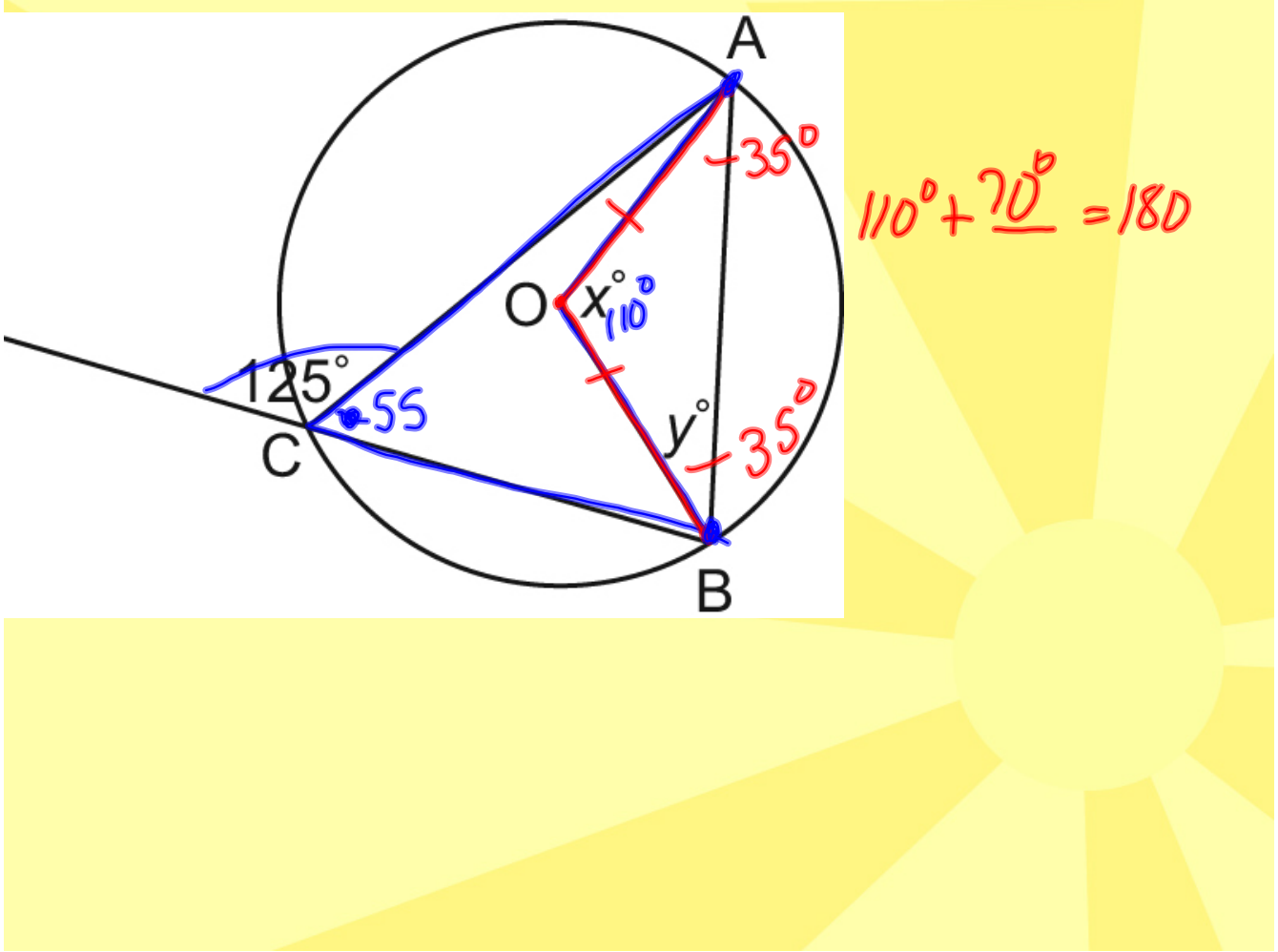


$$\angle ABC = 90^\circ$$

$$\angle CAB = 50^\circ$$

$$90 + 40 + \underline{\quad} = 180$$





Homework

Page 410

Sketch

3, 4, 5, 6, 11

