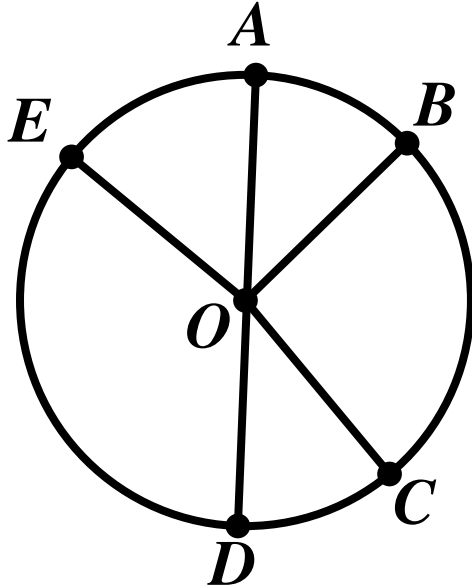


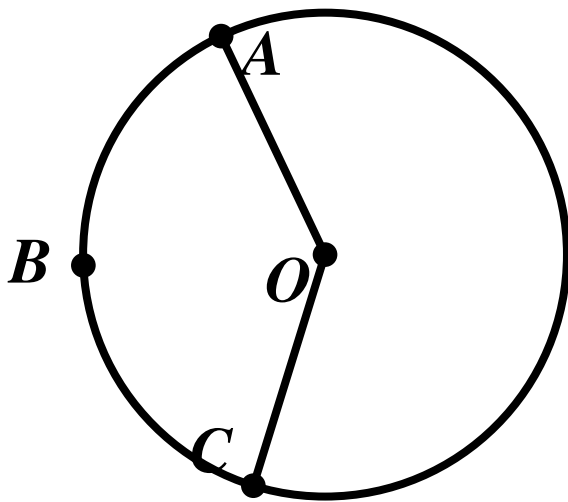
In Class Group Problems:

#1)



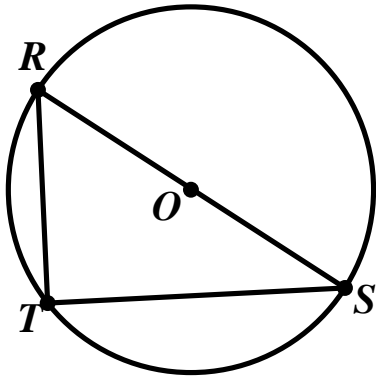
If we know that AD is the diameter of the circle and the measure of $\angle EOA$ is 56° , find the measure of *major arc EBD*.

#2)



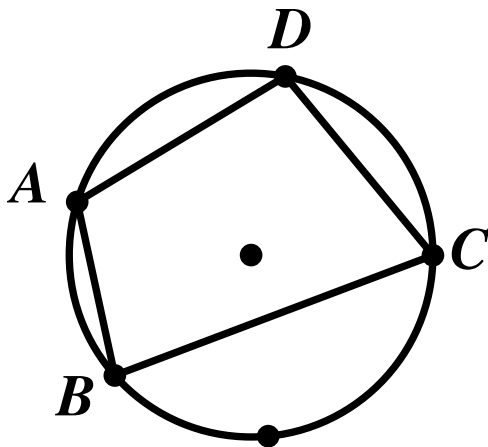
If we know that the circumference of the circle is 24π , what is the area of the sector $OABC$?

#3)



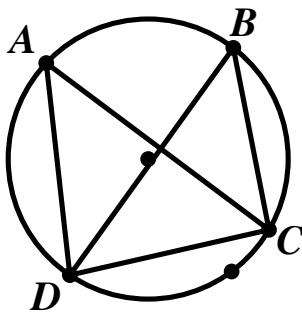
Find the measure of intercepted arc ST given that RS is the diameter and $\angle S$ measures 33° .

#4)



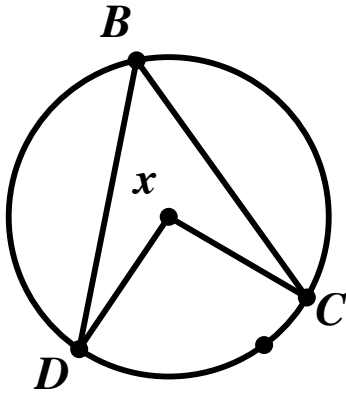
Find measure of $\angle B$ given that measure of arc BA is 66° and arc BC is 150° . Also, $\angle A$ is 110° .

#5)



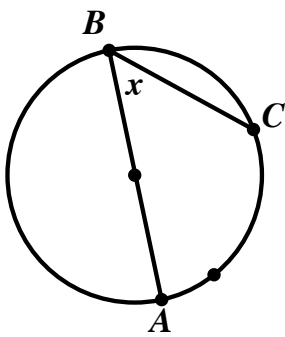
Given $m\angle B = 59^\circ$ and Arc DC measures $11x + 8$, solve for x.

#6)



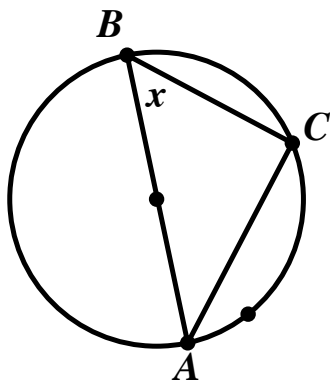
$\sphericalangle B$ measures 50° . Find x .

#7)



Given the measure of minor ARC BC is 56° and BA is the diameter, find x .

#8)



$\sphericalangle A$ is 37° . Find x .