Practice Worksheet for Lesson 9-5 Name:

Mailbox #:

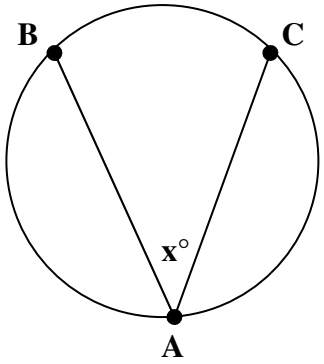
1) Find x if measure of arc BC = 70°

2) Find x if measure of arc BC = 84°

3) Find x if measure of arc BAC = 280°

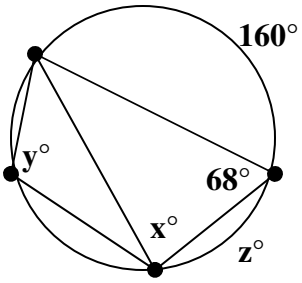
4) Find the measure of arc BC if x = 40°

5)) Find the measure of arc BC if x = 36°

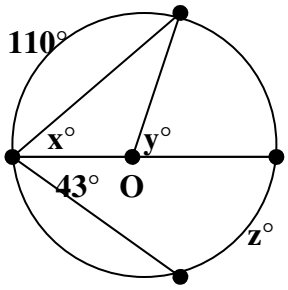


Find the values of x, y, and z (when O is used, it is the center of the circle).

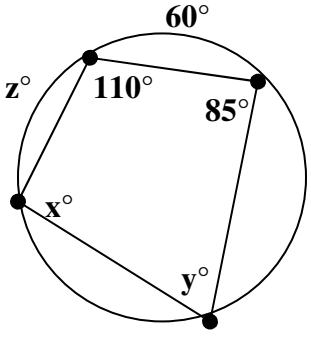
6)



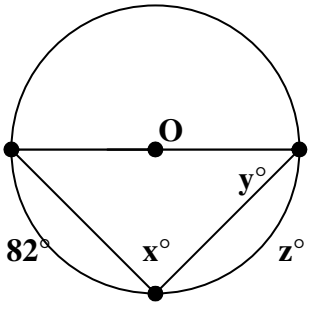
7)

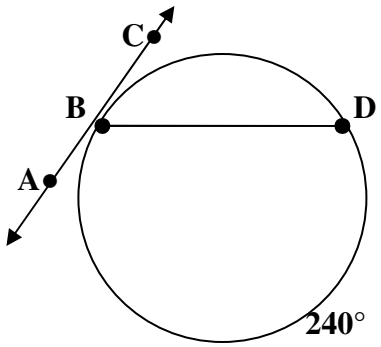
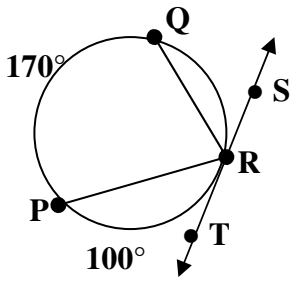


8)



9)



10) m< CBD = _____ 11) measure of arc BD = _____ 12) m< ABD = _____	Given that line AB is a tangent 
13) m< PRT = _____ 14) m< PRQ = _____ 15) m< QRS = _____	

16) measure of arc DE = _____ 17) m< EBD = _____ 18) measure of arc DB = _____ 19) m< DEB = _____ 20) m< BDE = _____ 21) measure of arc BFE = _____	Given that Z is the center and m< DBC = 75°