

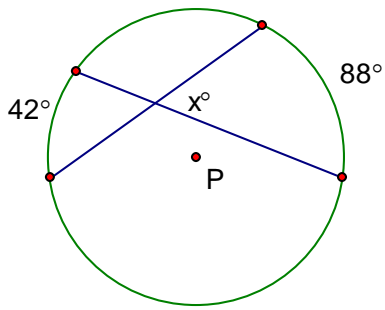
**Geometry**

**Unit Five: Angles & Segments in Circles Review #1 (HW12)**

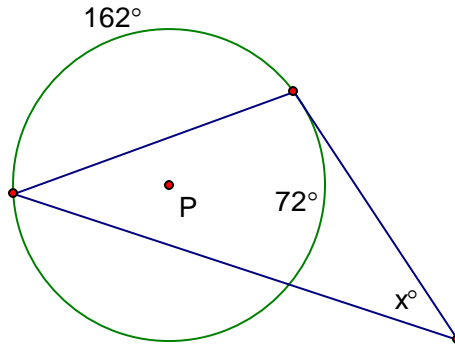
Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

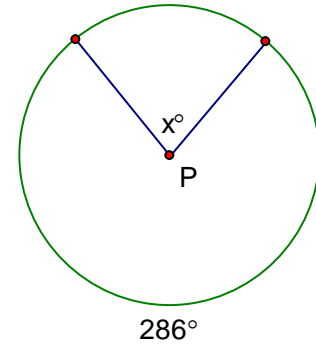
Complete each problem. Show work for each answer (even though it is a simple calculation). See example below. **P** is the center of all circles.



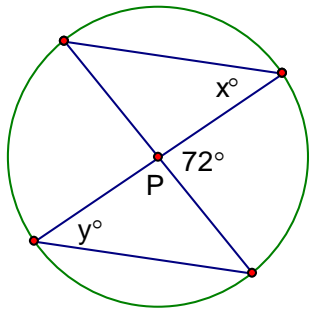
1.  $x =$  \_\_\_\_\_



2.  $x =$  \_\_\_\_\_

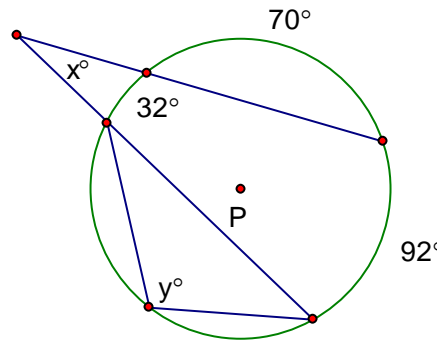


3.  $x =$  \_\_\_\_\_



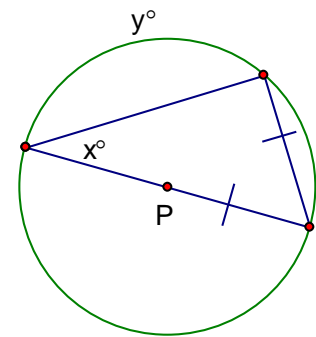
4.  $x =$  \_\_\_\_\_

5.  $y =$  \_\_\_\_\_



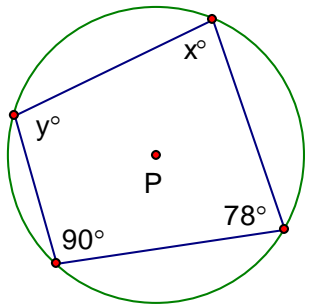
6.  $x =$  \_\_\_\_\_

7.  $y =$  \_\_\_\_\_



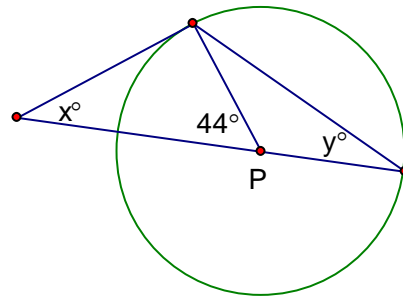
8.  $x =$  \_\_\_\_\_

9.  $y =$  \_\_\_\_\_



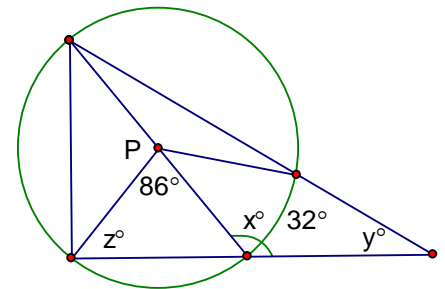
10.  $x =$  \_\_\_\_\_

11.  $y =$  \_\_\_\_\_



12.  $x =$  \_\_\_\_\_

13.  $y =$  \_\_\_\_\_



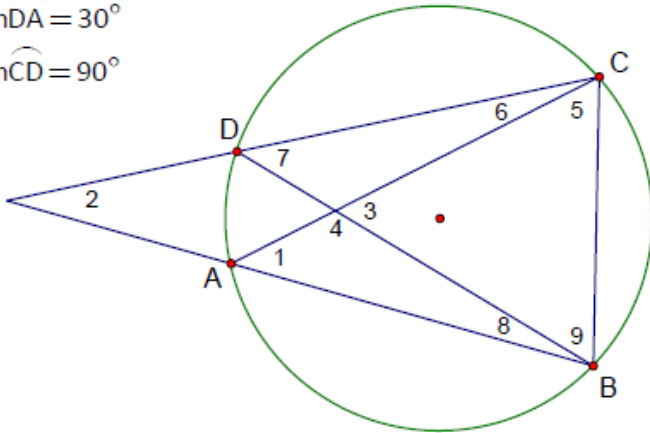
14.  $x =$  \_\_\_\_\_

15.  $y =$  \_\_\_\_\_

16.  $z =$  \_\_\_\_\_

*P* is the center of the circle below.

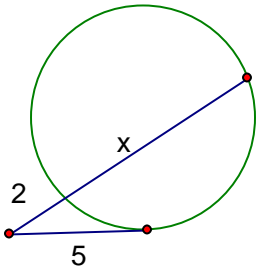
17. Given:  $m\angle BDC = 50^\circ$   
 $m\widehat{DA} = 30^\circ$   
 $m\widehat{CD} = 90^\circ$



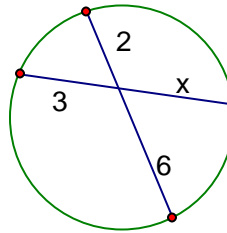
- $m\angle 1 =$  \_\_\_\_\_  
 $m\angle 2 =$  \_\_\_\_\_  
 $m\angle 3 =$  \_\_\_\_\_  
 $m\angle 4 =$  \_\_\_\_\_  
 $m\angle 5 =$  \_\_\_\_\_  
 $m\angle 6 =$  \_\_\_\_\_  
 $m\angle 7 =$  \_\_\_\_\_  
 $m\angle 8 =$  \_\_\_\_\_  
 $m\angle 9 =$  \_\_\_\_\_

Find the value of  $x$  for each problem. Show work.

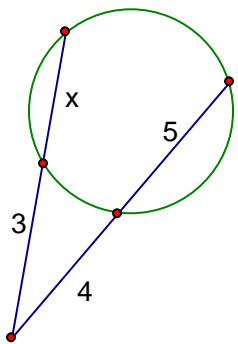
18.  $x =$  \_\_\_\_\_



19.  $x =$  \_\_\_\_\_



20.  $x =$  \_\_\_\_\_



21.  $x =$  \_\_\_\_\_

