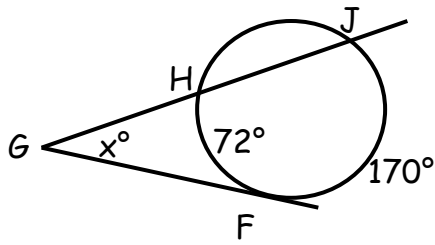


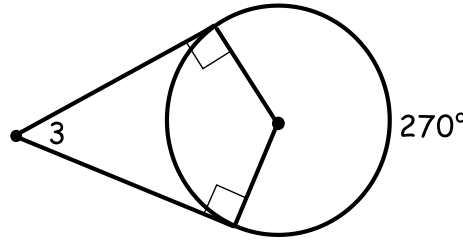
GPS Geometry  
Ch 6.5 Exterior Angles

Name \_\_\_\_\_

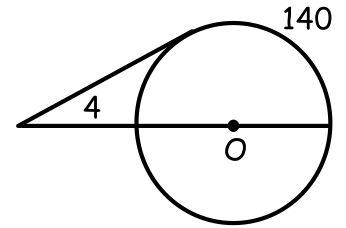
1.  $x =$  \_\_\_\_\_



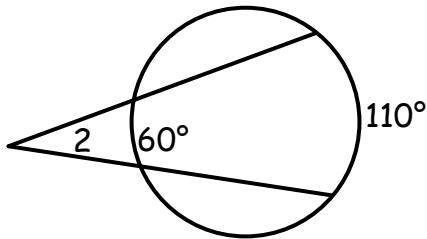
2.  $m\angle 3 =$  \_\_\_\_\_



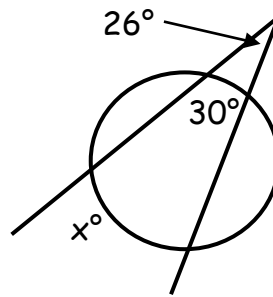
3.  $m\angle 4 =$  \_\_\_\_\_



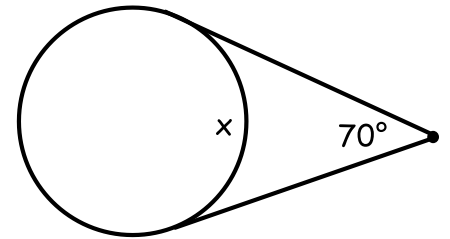
4.  $m\angle 2 =$  \_\_\_\_\_



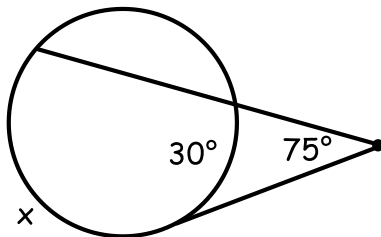
5.  $x =$  \_\_\_\_\_



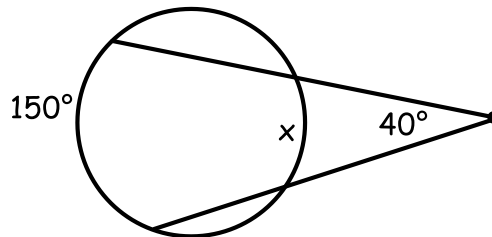
6.  $x =$  \_\_\_\_\_



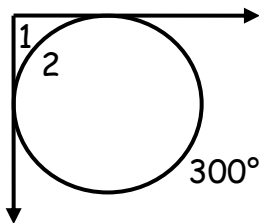
7.  $x =$  \_\_\_\_\_



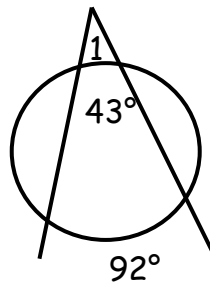
8.  $x =$  \_\_\_\_\_



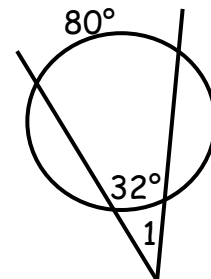
9.  $m\angle 1 =$  \_\_\_\_\_  $m\text{Arc}2 =$  \_\_\_\_\_



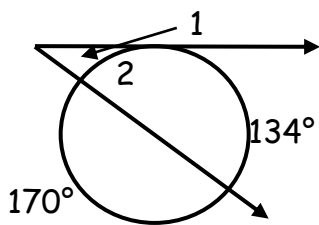
10.  $m\angle 1 =$  \_\_\_\_\_



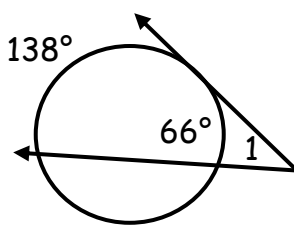
11.  $m\angle 1 =$  \_\_\_\_\_



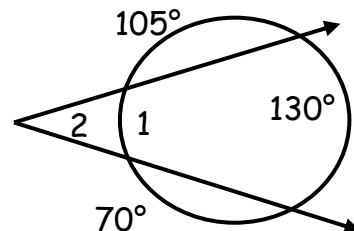
12.  $m\angle 1 = \underline{\hspace{2cm}}$   $m\text{Arc}2 = \underline{\hspace{2cm}}$



13.  $m\angle 1 = \underline{\hspace{2cm}}$



14.  $m\text{Arc}1 = \underline{\hspace{2cm}}$   $m\angle 2 = \underline{\hspace{2cm}}$



Points A, B, C, D, E lie on  $\odot O$ .

$\overline{BE}$  is a diameter.

$\overline{AF}$  is a tangent.

$m\angle A = 60^\circ$

$m\angle B = 40^\circ$

$m\angle D = 30^\circ$

15.  $m\angle 1 = \underline{\hspace{2cm}}$

16.  $m\angle 2 = \underline{\hspace{2cm}}$

17.  $m\angle 3 = \underline{\hspace{2cm}}$

18.  $m\angle 4 = \underline{\hspace{2cm}}$

19.  $m\angle 5 = \underline{\hspace{2cm}}$

20.  $m\angle 6 = \underline{\hspace{2cm}}$

21.  $m\angle 7 = \underline{\hspace{2cm}}$

22.  $m\angle 8 = \underline{\hspace{2cm}}$

23.  $m\angle 9 = \underline{\hspace{2cm}}$

24.  $m\angle 10 = \underline{\hspace{2cm}}$

25.  $m\angle 11 = \underline{\hspace{2cm}}$

26.  $m\angle EOC = \underline{\hspace{2cm}}$

27.  $m\angle C = \underline{\hspace{2cm}}$

