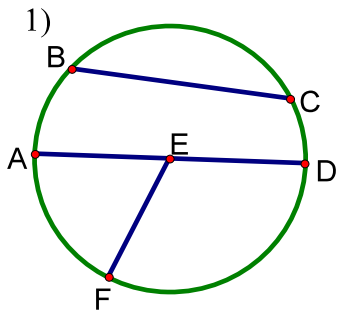
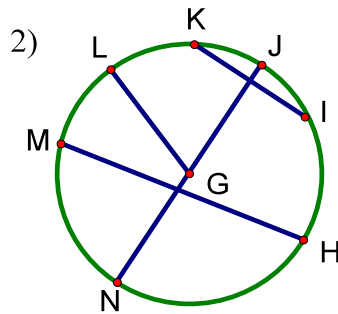


Introduction to Circles  
Geometry (KEY)

Identify the radii, chords, and diameters.

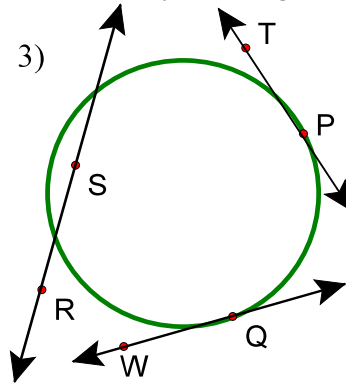


Radii:  $\overline{AE}$ ,  $\overline{DE}$ ,  $\overline{FE}$   
Chords:  $\overline{AD}$ ,  $\overline{BC}$   
Diameters:  $\overline{AD}$

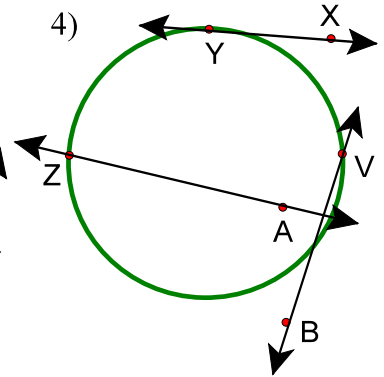


Radii:  $\overline{LG}$ ,  $\overline{NG}$ ,  $\overline{JG}$   
Chords:  $\overline{KI}$ ,  $\overline{MH}$ ,  $\overline{JN}$   
Diameters:  $\overline{JN}$

Identify the tangents and secants.

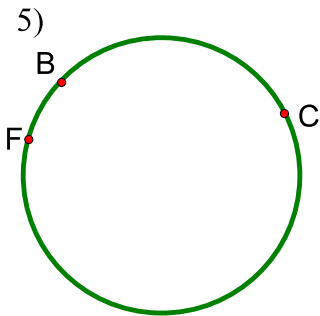


Secants:  $\overline{RS}$   
Tangents:  $\overline{WQ}$ ,  $\overline{TP}$

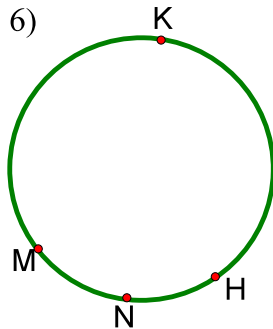


Secants:  $\overline{ZA}$ ,  $\overline{VB}$   
Tangents:  $\overline{YX}$

Name the minor arcs and semi-circles.

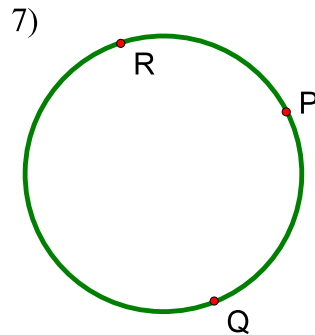


Minors:  $\widehat{FB}$ ,  $\widehat{FC}$ ,  $\widehat{BC}$   
Semis: None

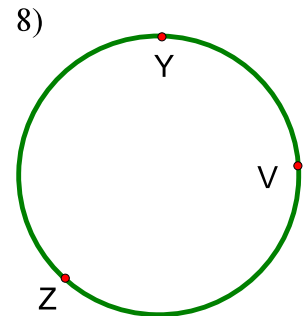


Minors:  $\widehat{MN}$ ,  $\widehat{NH}$ ,  $\widehat{MH}$ ,  $\widehat{KH}$ ,  $\widehat{KM}$   
Semis:  $\widehat{KHN}$ ,  $\widehat{KMN}$

Name the major arcs, minor arcs, and semi-circles.

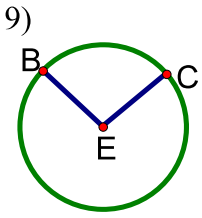


Minors:  $\widehat{RP}$ ,  $\widehat{PQ}$ ,  $\widehat{RQ}$   
Semis:  $\widehat{RPQ}$   
Majors:  $\widehat{PRQ}$ ,  $\widehat{RQP}$

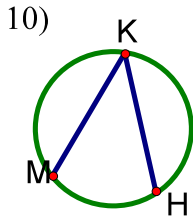


Minors:  $\widehat{YV}$ ,  $\widehat{VZ}$ ,  $\widehat{YZ}$   
Semis: None  
Majors:  $\widehat{YVZ}$ ,  $\widehat{VZY}$ ,  $\widehat{ZYV}$

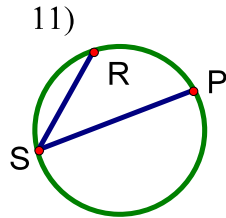
Identify the central and inscribed angles.



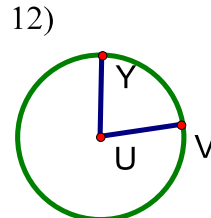
$\angle BEC$   
Central  $\angle$



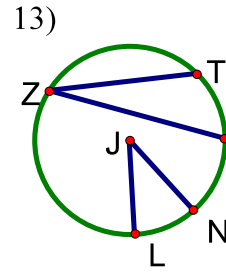
$\angle MKH$   
Inscribed  $\angle$



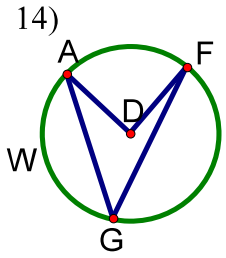
$\angle RSP$   
Inscribed  $\angle$



$\angle YUV$   
Central  $\angle$

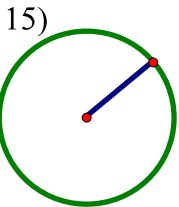


$\angle LJN$   
Central  $\angle$   
 $\angle TZW$   
Inscr.  $\angle$



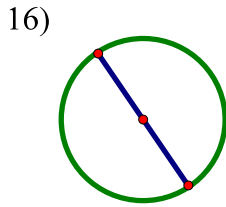
$\angle ADF$   
Central  $\angle$   
 $\angle AGF$   
Inscr.  $\angle$

Given the length of the radius or diameter, find the other measure.



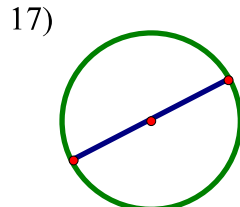
$r = 7 \text{ in.}$

$$d = 2(7 \text{ in}) = 14 \text{ in}$$



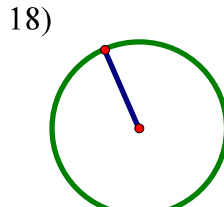
$d = 6 \text{ cm}$

$$r = (6 \text{ cm})/2 = 3 \text{ cm}$$



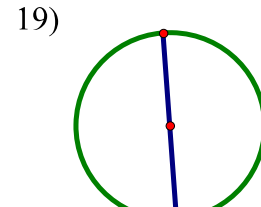
$d = 18 \text{ mi}$

$$r = (18 \text{ mi})/2 = 9 \text{ mi}$$



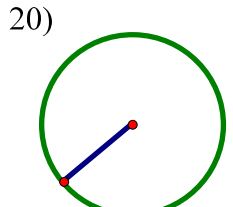
$r = 13 \text{ m}$

$$d = 2(13 \text{ m}) = 26 \text{ m}$$



$d = 34 \text{ yds}$

$$r = (34 \text{ yds})/2 = 17 \text{ yds}$$



$r = 24 \text{ ft}$

$$= 48 \text{ ft}$$