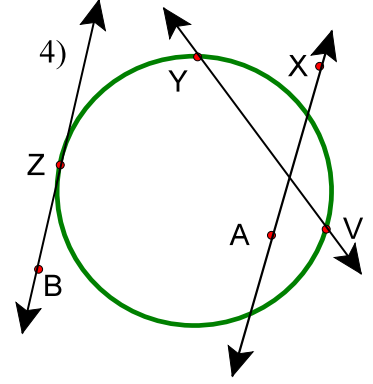
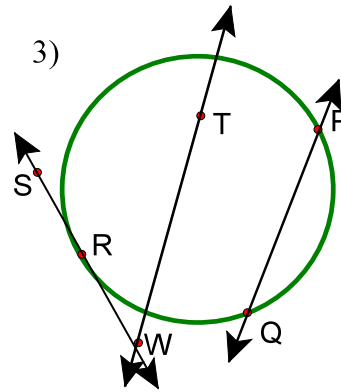
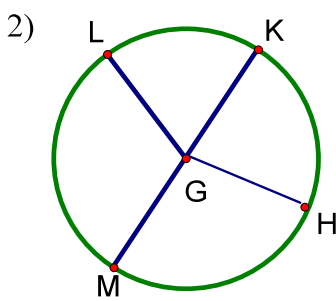
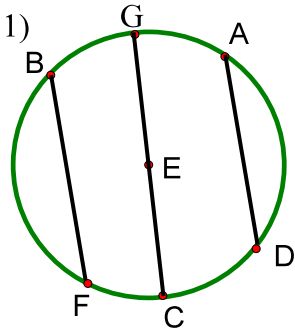


Introduction to Circles B  
Geometry (KEY)

Identify the radii, chords, and diameters.

Identify the tangents and secants.



Radii:  $\overline{GE}, \overline{EC}$

Radii:  $\overline{LG}, \overline{MG}, \overline{HG}, \overline{KG}$

Secants:  $\overline{TW}, \overline{QP}$

Secants:  $\overline{YV}, \overline{AX}$

Chords:  $\overline{AD}, \overline{BF}, \overline{GC}$

Chords:  $\overline{KM}$

Tangents:  $\overline{RS}$

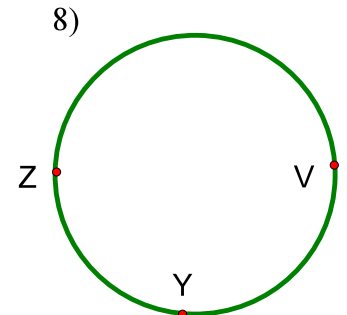
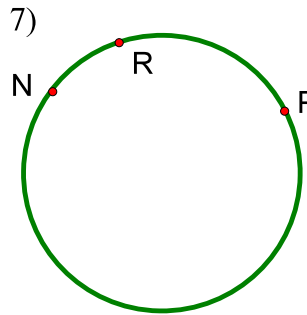
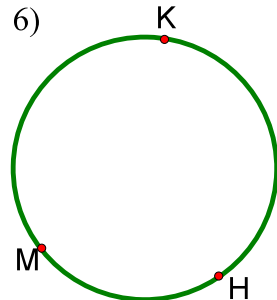
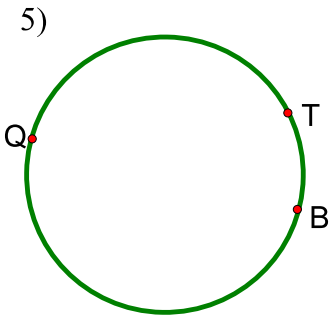
Tangents:  $\overline{BZ}$

Diameters:  $\overline{GC}$

Diameters:  $\overline{KM}$

Name the minor arcs and semi-circles.

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



Minors:  $\widehat{QT}, \widehat{TB}$

Minors:  $\widehat{MH}, \widehat{KH}, \widehat{KM}$

Minors:  $\widehat{NR}, \widehat{NP}, \widehat{RP}$

Minors:  $\widehat{YV}, \widehat{YZ}$

Semis:  $\widehat{QTB}$

Semis: None

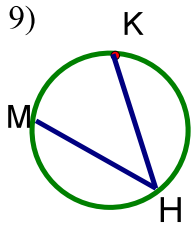
Semis: None

Semis:  $\widehat{ZYV}$

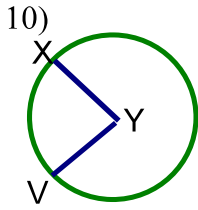
Majors:  $\widehat{RPN}, \widehat{PNR}$

Majors:  $\widehat{YVZ}, \widehat{YZV}$

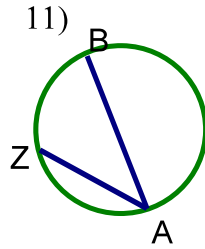
Identify the central and inscribed angles.



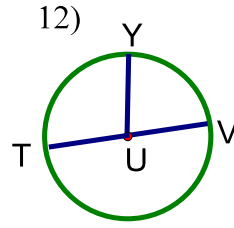
$\angle MHK$   
Inscribed  $\angle$



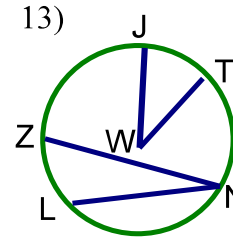
$\angle XYV$   
Central  $\angle$



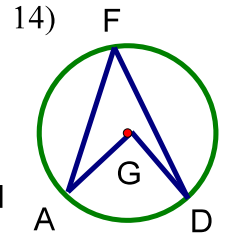
$\angle ZAB$   
Inscribed  $\angle$



$\angle YUV$   
Central  $\angle$



$\angle JLN$   
Inscribed  $\angle$



$\angle AFD$   
Central  $\angle$

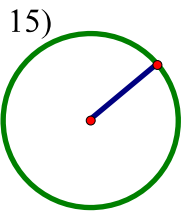
$\angle YUT$   
Central  $\angle$

$\angle LNZ$   
Inscribed  $\angle$

$\angle AFD$   
Inscribed  $\angle$

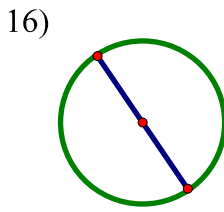
$\angle TUV$   
Central  $\angle$

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



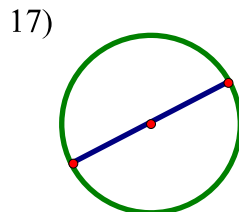
$r = 12 \text{ in.}$

$$d = 2(12 \text{ in}) \\ = 24 \text{ in}$$



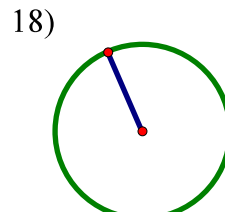
$d = 14 \text{ cm}$

$$r = (14 \text{ cm})/2 \\ = 7 \text{ cm}$$



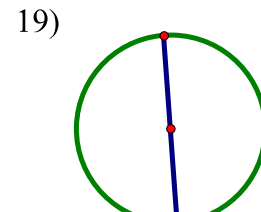
$d = 28 \text{ mi}$

$$r = (28 \text{ mi})/2 \\ = 14 \text{ mi}$$



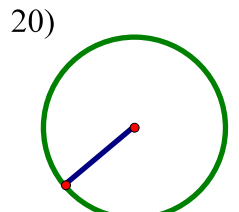
$r = 9 \text{ m}$

$$d = 2(9 \text{ m}) \\ = 18 \text{ m}$$



$d = 85 \text{ yds}$

$$r = (85 \text{ yds})/2 \\ = 42.5 \text{ yds}$$



$r = 36 \text{ ft}$

$$d = 2(36 \text{ ft}) \\ = 72 \text{ ft}$$