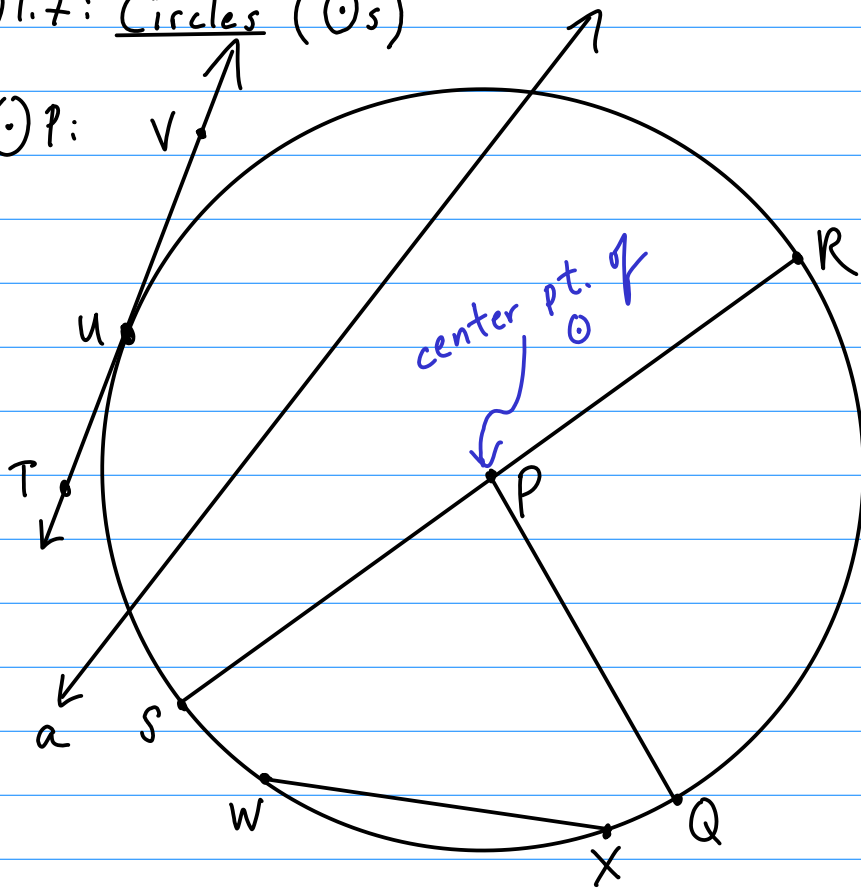


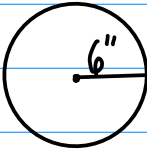
§1.7: Circles (⊙'s)

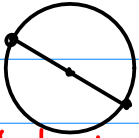
⊙ P:



\overline{PQ} is a radius
 \overline{PR} "
 \overline{RS} is a diameter
 \overleftrightarrow{TUV} is a tangent
 U is a point of tangency
 \overleftrightarrow{a} is a secant
 \overline{WX} is a chord

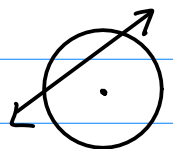
* circle: the infinite set of pts. that are equidistant from a pt. that is the center of the ⊙.
 "equally far"

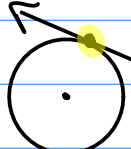
* radius:  (1) Segment from center pt. to the ⊙
 (2) length of

* diameter:  Segment connecting 2 pts on ⊙ that passes through the center pt.
 Special chord

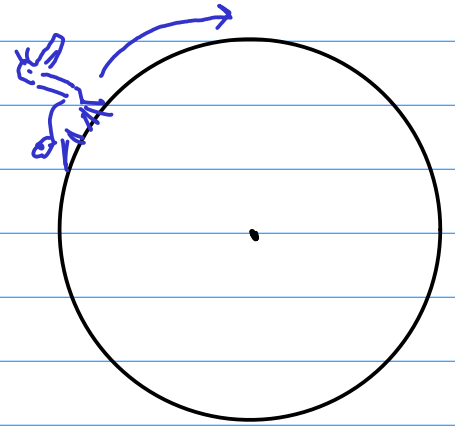
* chord:  Segment connecting 2 pts on ⊙

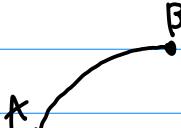
* secant:

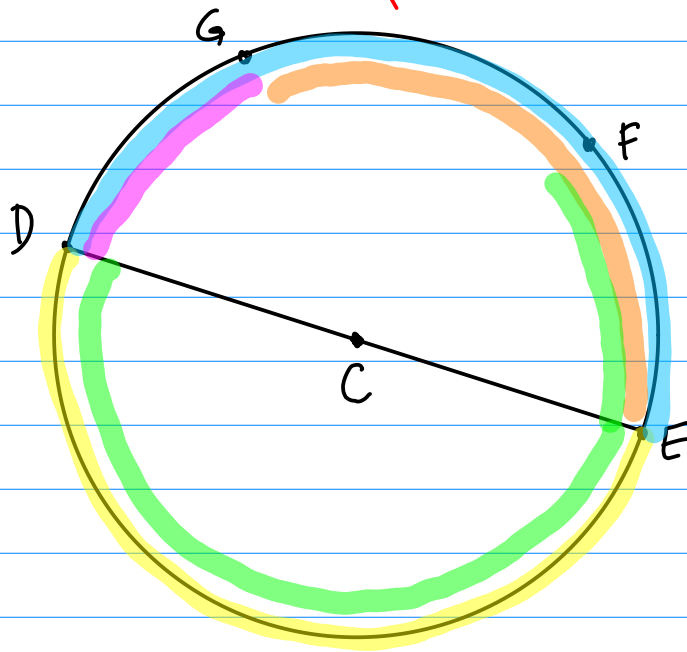


* tangent:  line touching ⊙ in 1 place: PT. OF TANGENCY

* Circumference: "perimeter" of a \odot



* Arcs:  ~~AB~~ \widehat{AB}



MINOR ARC: \widehat{DG} , \widehat{GFE}

SEMICIRCLE: \widehat{DE} , \widehat{DFE}
→ look for diameter

MAJOR ARC: \widehat{FED}