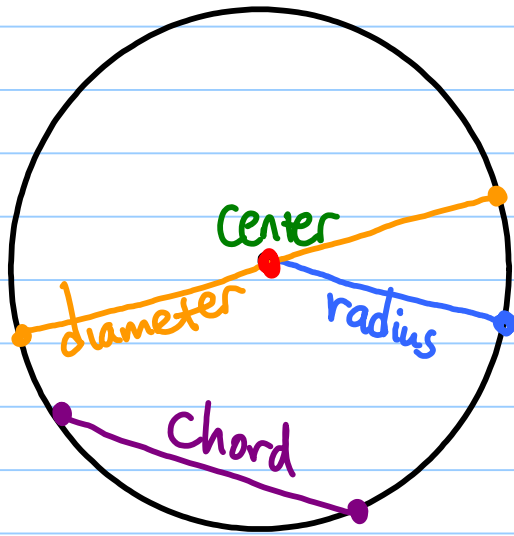


2/29
WED

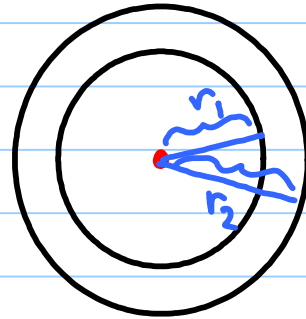
11.1 / Parts of a Circle



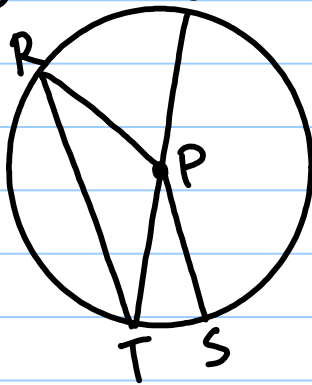
all points on the \odot are equidistant to the center

Concentric Circles

→ \odot s w/ same center



ex 1)



a) T or F ?

\overline{RT} is a diameter.

→ False (\overline{RT} is a chord)

b) \overline{PS} is a radius

→ True

c) \overline{RT} is not a chord

→ False

d) Name all the radii.

→ $\overline{PS}, \overline{PQ}, \overline{PT}, \overline{PR}$

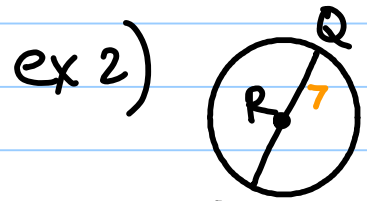
Thm 11.1

All radii of a \odot are \cong

Thm 11.2

The diameter of a \odot is twice the radius.

$$d = 2 \cdot r \text{ or } r = \frac{d}{2}$$



In circle R, \overline{QT} is a diameter. → 14
If $QR = 7$, find QT .