

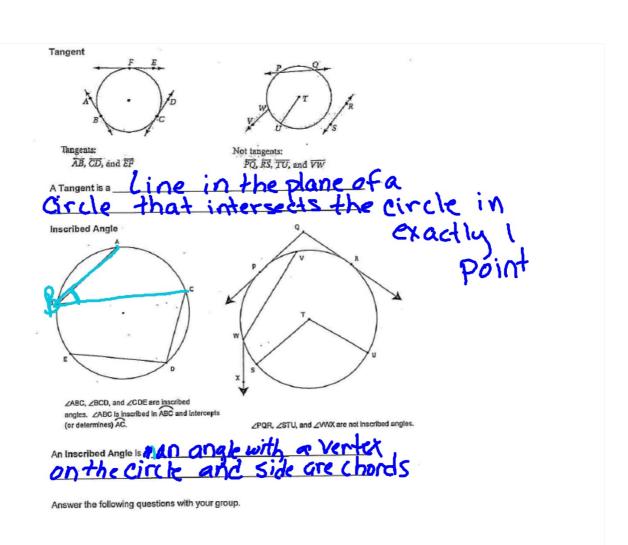
endpoints on the circle.

If two or more circles have the Same Tac, they are congruent circles.
O 2 cm M 2 cm
Congruent Circles
An arc of a circle is points on the circle and the continuous  (unbroken) part of the circle between those 2 points
The two points are called endpoints of the arc.
You write arc AB as: AB or BA
You classify arcs into three types: Semicircle, MINDE ATC
1 Ripr Hrc.
A semicircle is an arc of a circle whose endpoints are the endpoints
of the diameter (less than)
A minor arc is an arc of a circle that is less than 186 (Semi-circle)
You can name minor arcs with 201013
A major arc is an arc of a circle that is area ter than 180° (more then)
For semicircles and major arcs, you need points to make clear which arc you mean-the first and last letters are the endpoints and the middle letter is any other point on the arc.

	Name two major arcs:  Name two major arcs:
360 - 45 315°	Arcs have a degree measure, just as angles do. A full circle has an arc measure of
3/3	45°

Directions: Write a good definition of each boldfaced term. Discuss your definitions with others in your group. Use the word bank to help you write the definitions.

Word bank:	line segment center	line	endpoints intersecting	circle
Chord B	F P	G	R Q S	v w
Chords: $\overline{AB}$ , $\overline{CD}$ , $\overline{E}$	F, GH, and IJ		Not chords: PQ, RS, TU, 2	nd VW
A chord is a	ine Seg its are	me	nt who	cle
	E B		W P	)v
Diameters: $\overline{AB}$ , $\overline{CD}$ , and A Diameter is a	chord +1		ot diameters: PO, RS, TU, and VI	through
the cer Chord	<del>yter.</del> alu	Ays	the lo	ngest



Can a chord of a circle also be a diameter of the circle? Can it be

as long as it goes thru the centercide as long as it goes thru the centercide a chord cannot be a tangent because à tangent has I point On a Cirle and a Chord has a points

b. Can two circles be tangent to the same line at the same point? Draw a

