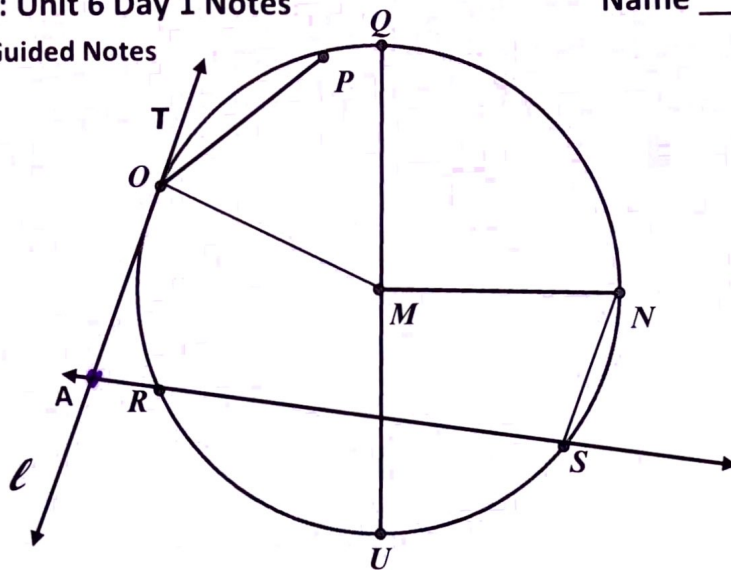


Honors Math 3: Unit 6 Day 1 Notes

Name \_\_\_\_\_

4TH

Arcs and Angles Guided Notes



Term	Definition	Sketch	Example(s) from above
Circle/Center	All points equidistant from a given point called the center.		Circle M
Chord	A segment whose endpoints are on the circle.		$\overline{OP}$
Diameter	A special chord that passes through the center.		$\overline{QU}$
Radius	A segment from the center to a point on the circle.		$\overline{MN}$
Secant	Any line or ray that <u>contains a chord</u> .		$\overleftrightarrow{RS}$
Tangent	A line, ray, or segment that lies in the plane of the circle and touches the circle in <u>exactly one point</u> .		$\overrightarrow{AT}$ line $l$
Point of Tangency	<u>The point</u> where the tangent line, segment, or ray touches the circle.		point O
Minor Arc	An arc of a circle that measures less than 180 degrees.		$\overbrace{QN}$
Major Arc	An arc of a circle that measures more than 180 degrees.		$\overbrace{QRS}$
Inscribed Angle	An angle whose <u>vertex is a point on the circle</u> and has sides that contain chords.		$\angle RSN$
Semicircle	An arc of a circle that measures 180 degrees.		$\overbrace{QNU}$
Intercepted arc	An arc in the interior of an angle.		$\overbrace{RQN}$