

Directions: Find the measure of the indicated arc or central angle. Assume that lines that appear to be diameters are actual diameters.



Directions: Find the measure of the indicated arc or angle. Assume that lines that appear to be tangent are tangent. 23) N 24)





Directions: Solve for the indicated arc or angle. Assume lines that appear to be tangent are tangent.



Target 4: Understand and apply relationships of segments formed by tangents, chords, and secants





Target 5: Write and Analyze Graphs of Circles			
Directions: Write the equation of the c 47) Center: (2,-4)	 circle given the following information. 48) Center: (-4,-1) Area: 100- 		49) Center: (4,6)
Radius: 6	Area: 100π		Circumference: 30π
Equation:	Equation:		Equation:
Directions: Write the equation of the 50) Center: (-6,2) Point on the graph: (-6,6)	circle given the following information. 51) Center: (-2,3) Point on the graph: (1,4)		Then find the area of the circle. 52) Center: (3,0) Point on the graph: (7,-9)
Equation:	Equation:		Equation:
Area:	Area:		Area:
Directions: Write the equation based of 53)	on the given graph.	54) Center: Radius: Equation:	
55) If a circle has a center at point (3 the circle is (-9, 0) with a radius of 13 possible values of y?	, y) and a point on 3, what are all the	56) If a circle has the circle is (1, 2) possible values of	a center at point (x, -3) and a point on with a radius of $5\sqrt{2}$, what are all the \tilde{x} ?