**Geometry Test – Circle Unit – appr 70 pts – Thurs-Fri, April 26-27, 2018**KNOW ALL OF YOUR CIRCLE CONJECTURES 54-65 and circumference and arc length formulas. Know, recognize, and correctly label vocabulary: *radius, diameter, chord, secant, tangent, point of tangency, minor arc, major arc, semicircle, central angle, inscribed angle, arc measure, pi, arc length, concentric circles, congruent circles, inscribed circle or polygon, circumscribed circle or polygon, externally tangent circles, common external tangent line*.

Find missing angles and arc measures, chord or segment lengths, partial area, and perimeter in sketches by using conjectures. Included are problems where Pythagorean Theorem or a shortcut may be required. Find circumference and radius or diameter knowing only arc length and arc measure. There are two word problems with circumference and arc length. Find degrees, radians, and coordinates from a sketch of a point on the unit circle (example in class).

Format: fill-in-the-blank, multiple choice, missing parts, show work.

Unit review: pp 349-351: 4-19 (omit 14), p 336: 20, p 339-40: 9, 12-14, p 344: 13-14, p 493:1-2

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