**Geometry Test – Circle Unit – appr 70 pts – Thurs-Mon, April 25-29, 2019**KNOW ALL OF YOUR CIRCLE CONJECTURES 74-85 and circumference, area and arc length formulas. Know, recognize, and name 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.*

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). A few problems will require writing an algebraic equation based on properties of circles. Remember that “the bowtie” creates pairs of congruent angles and similar triangles.  
Format: fill-in-the-blank, multiple choice, missing parts, show work.

Unit review: pp 490-492: 4-19 (omit 14), 25, 28, p 485: 15, p 522: 1,4,5

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40: 9, 12-14, p 344: 13-14, p 493:1-2