

Pre-Calc

Hour \_\_\_\_\_

Name \_\_\_\_\_

Review for Chapter 4 and 5 Semester Final

Thursday, Jan 18 Final: Chapter 5-1 to 5-3

- Measures of Angles and rotations (see circle diagram that we created in class)
- DMS
- Conversion Radians  $\leftrightarrow$  Degrees
- Arc Length  $s = r\mathbf{q}$
- Sector Area  $\mathbf{A} = \frac{1}{2}r^2\mathbf{q}$
- Make sure to convert degrees to radians before using the arc length and area sector
- Trig: SOHCAHTOA
- Review masters 5-1 to 5-3
- Slope  $m = \mathbf{\tan q}$
- Go over notes for arc length and area sector
- Make sure you can do problem # 18 on Pg 284 and # 86 on pg 338

$\frac{\text{Degrees}}{360^\circ} = \frac{\text{Radians}}{2\pi}$
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Friday, January 19 Final: Logarithms

- Review notes on logs and pert formula from 12/4 (make sure you can do every problem)
- Review our Bacteria Application Activity
- Be sure you can derive an exponential equation using two points
- Go over your log properties
- Review notes from 11/17
- Memorize the half-life formula
- Review your pink log lab activity
- Make sure you can do the following problems:  
Pg 264- 265 # 37, 55, 52, 38, 58

Notes to yourself: