## Cheatography

## Pre-Calculus Cheat Sheet by ccox2018 via cheatography.com/45296/cs/13334/

| To Find The Arc length of circle            |   |                    |
|---|---|--------------------|
| Radian                                      | L = (Radian)/2pi x (2(pi)r) or<br>(radian(r)) |                    |
| Degree                                      | L = (dergee)/360) X ((2)(pi)(r))              |                    |
| r=radius                                    | pi=3.14 L= length                             |                    |
|   |   |                    |
| To find the Area of circle                  |   |                    |
| Radians                                     | A=(radians/2pi) x ((pi)(r^2))                 |                    |
| Dergee                                      | A =(degree/360) x ((pi)(r^2))                 |                    |
|   |   |                    |
| Degree to                                   | Radian and R                                  | Radian to Degree   |
| Degree to Radians: ((X)/180) x (pi)         |   | ((X)/180) x (pi)   |
| Radians to Degree $((x)/(pi)) \times (180)$ |   | ((x)/(pi)) x (180) |
|   |   |                    |
| Sin,Tan,C                                   | Cos, Csc,Sec,C                                | Cot                |
| Sin   | (opposite/hypothesis)                         |                    |
| Cos   | (adjacent/hypothesis)                         |                    |
| Tan   | (opposite/adjacent)                           |                    |
| Csc   | (hypothesis/opposite)                         |                    |
| Sec   | (hypothesis/adjacent)                         |                    |
| Cot   | (adjacent/opposite)                           |                    |



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