T-3 NOTES

Use your calculator to find **sin 46°18'** give answer to 4 places after the decimal. .7230

What if we wanted csc 46°18' instead? Our calculator does not have a CSC button.

We know:
$$\csc A = \frac{1}{\sin A}$$
 so... $\csc 46^{\circ}18' = \frac{1}{\sin 46^{\circ}18'} = \frac{1}{.7230}$

use your calculator to get 1.3832

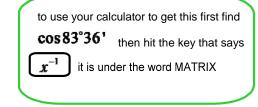
to use your calculator to get this first find $\sin 46^{\circ}18'$ then hit the key that says x^{-1} it is under the word MATRIX

Try sec 83°36'

First, write the fraction that it is equal to in terms of either sin, cos or tan

$$\sec 83^{\circ}36' = \frac{1}{\cos 83^{\circ}36'} = 8.9711$$

then solve



Now, what if this is the question $\sec A = 1.8652$?

Well...what are we looking for a ratio or an angle?

An Angle...so A for angle , A for arcsec

