

$$\sin 7^{\circ} 57' 29'' = .13844812$$

$$\sin 15^{\circ} 33' 31'' = .26822399$$

$$\sin 156^{\circ} 28' = .39901581$$

$$.58746533$$

$$\begin{array}{r} 50\ 92\ 60 \\ 35\ 59\ 29 \\ \hline 15\ 33\ 31 \end{array}$$

$$\begin{array}{r} 35\ 58\ 29 \\ 28\ 02 \\ \hline 7\ 57\ 29 \end{array}$$

$$\begin{array}{r} 7\ 57\ 29 \\ 15\ 33\ 31 \\ \hline 23\ 31 \end{array}$$

$$\begin{array}{r} 22\ 90\ 50 \\ 22\ 91 \\ \hline 23\ 31 \end{array}$$

$$\frac{425.174}{.39901581} = \frac{a}{.13844812} \rightarrow a = 147.52$$

$$\frac{425.174}{.39901581} = \frac{b}{.26822399} \rightarrow b = 285.81$$

