S 1.4 ent'd FIN ref. angle $\alpha$ \& sketch $1545-52$
$\theta \notin \theta^{\prime}(\alpha)$ in std position.

$$
\text { (46) } \theta=309^{\circ}
$$


$180^{\circ}$
(52) $\theta=11.6$

+.846 around


Radians for that what's
left oven left oven

$$
2 \cdot \mathrm{Pi}-.846 \cdot 2 \cdot \mathrm{Pi}
$$

evalf (\%)

$$
0.308 \pi
$$

$$
0.9676105374=\Theta^{\Omega}
$$

$$
\begin{aligned}
& \text { (52) } \theta=11.6 \quad \text { evalf }\left(\frac{11.6 \cdot 180}{\mathrm{Pi}}\right) \\
& (11.6)\left(\frac{180^{\circ}}{\pi}\right) \approx 664.610+22^{\circ} \\
& \frac{664.610422}{360} \approx 1.846197339 \text { times anound the } \\
& \text { cuicle. } \\
& 1+.846197339 \\
& \text { +4x } \\
& .846197339 \text { of the } \\
& \text { way mound } \\
& \checkmark \approx 55.3689580^{\circ} \approx 1.0 \\
& =\left(55.3689580^{\circ}\right)\left(\frac{\pi}{180}\right) \approx 0.9663706206 \\
& (.846 \text { of a aotation })\left(\frac{360^{\circ}}{1 \text { full notation }}\right)
\end{aligned}
$$

\#s 53-68 Fird sine of cosine of tangent w/o calculator.
(33 $\theta=225^{\circ}$

$\pm 569-74$ meh $\quad \tan \theta=\frac{y}{x}$
(70) $\cot \theta=-3 \quad t$ it's is QII


Find $\sin \theta=\frac{1}{\sqrt{10}}$
Book maybe wanted

$$
\cot \theta=\frac{\cos \theta}{\sin \theta}
$$

-3 Naver Min'd

$$
\frac{1}{\sqrt{10}} \frac{\sqrt{10}}{10}
$$

\# 75-89 Round to 4 places $\cot \left(178^{\circ}\right) \approx-28.6363$

\#s $91-96$ Fid 2 solims in degrees $\$$
nadians.

$$
0 \leq \theta<360^{\circ} \quad 0 \leq \theta<2 \pi
$$

(94) $\sec \theta=2 \quad\left(\cos \theta=\frac{1}{2}\right)$


$$
\begin{aligned}
& \theta=60^{\circ} \text { or } 2 \pi \\
& \theta=300^{\circ} \text { or } \frac{5 \pi}{3}
\end{aligned}
$$

$$
\frac{3}{3} \cdot 2 \pi-\frac{\pi}{3}
$$

