

CHANGE

$$
\begin{array}{ll}
1 \cdot \cos \theta=\frac{-\sqrt{2}}{2} & 31 \cdot \sin (\theta+\pi)-3 \\
2 \cdot \sec \theta=\frac{-2}{\sqrt{2}} & 34 \cdot 3 \cos \left(\frac{\theta}{2}\right)-1
\end{array}
$$

$$
\begin{aligned}
& 1 \cdot \cos \theta=-\frac{\sqrt{2}}{2}: \frac{3 \pi}{4} \\
& (\cos , \sin ) \tan \\
& \pi \frac{\pi}{\frac{3 \pi}{2}} \\
& \frac{\pi}{\text { II }} \\
& \frac{\pi}{\pi}
\end{aligned}
$$

5. $\csc \frac{5 \pi}{4}=\frac{-2}{\sqrt{2}}$

$$
\left.\sin \frac{5 \pi}{4}=-\frac{\sqrt{2}}{2}\right)
$$

$$
\begin{gathered}
\text { reference angle: } \\
\pi / 6, \pi / 4, \pi / 3, \pi / 2 \\
30^{\circ}, 45^{\circ}, 60^{\circ}, 90^{\circ} \\
\text { co-terminal } \\
\text { deg: pos } \theta+360^{\circ} \\
\text { neg } \theta-360^{\circ} \\
\text { rad: pos } \theta+2 \pi \\
\text { neg } \theta-2 \pi
\end{gathered}
$$


$21-26:$

$$
\theta \operatorname{deg} \cdot \frac{\pi}{180}
$$

$\theta \mathrm{rad} \cdot \frac{180^{\circ}}{\pi}$
28. $f(x)=-3 \sin (\theta-4)+1$
amp:3
phase S. (2.ac) pight 4
period: $\frac{2 \pi}{1}=2 \pi$
vertical s: up 1
35.



