

$$\sin^{-1} \left(\begin{array}{c} \text{ratio} \\ [-1, 1] \end{array} \right) = \emptyset$$
$$\sin \left(\begin{array}{c} \text{ratio} \\ [-1, 1] \end{array} \right) = 1$$

$$\sin(\text{angle}) = \text{ratio}$$

$(-\infty, \infty)$

$[-1, 1]$

r/s

$$\sin^{-1}(\text{ratio}) = \text{angle}$$

$[-1, 1]$

$\left[-\frac{\pi}{2}, \frac{\pi}{2}\right]$

ATTENTION

TO

DETAIL!

