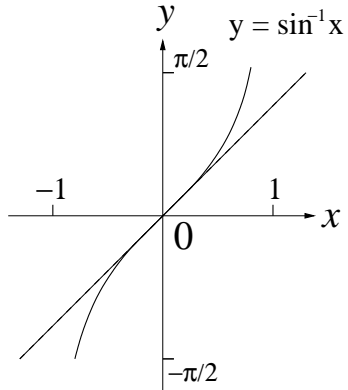


QUESTION

Draw the graph of the function $\sin^{-1} x$ showing carefully the domain and range of the function.

ANSWER



domain: $-1 \leq x \leq 1$

range: $-\frac{\pi}{2} \leq \sin^{-1} x \leq \frac{\pi}{2}$