$\begin{array}{c} \textbf{Partial Differentiation} \\ \textbf{\textit{Functions of more than one variable} \end{array}$

Question

Specify the domain of the function.

$$f(x,y) = \sin^{-1}(x+y)$$

Answer

The domain consists of all points in the strip $-1 \le x + y \le 1$.