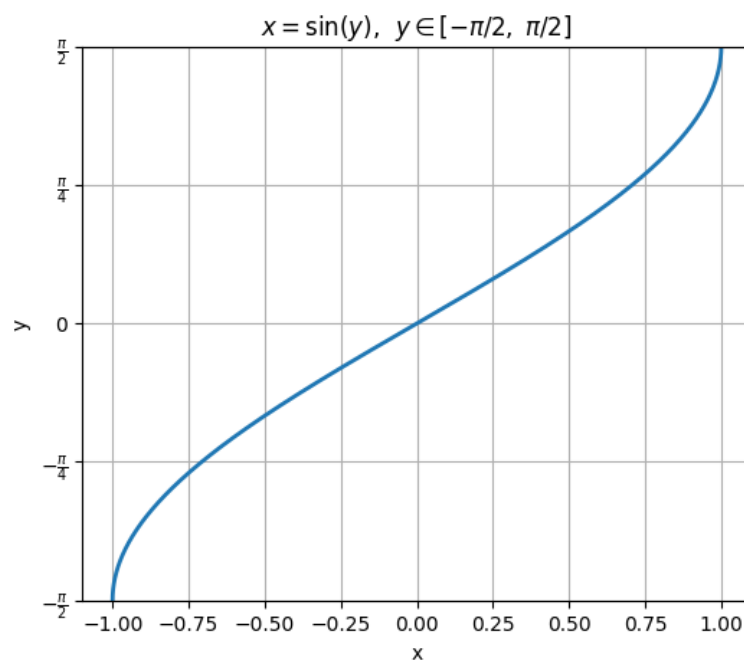
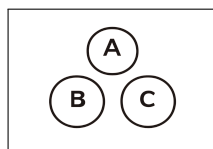
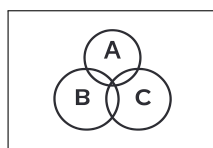


39 Inverse Trig Functions Definition

A

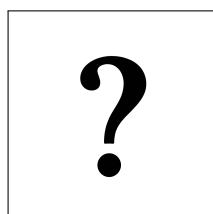


$$\sin(\pi/6) = 1/2 \rightarrow \sin^{-1}(1/2) = \pi/6$$



$$\sin(y) = x \rightarrow \sin^{-1}(x) = y$$

$$\sin^{-1}(\sqrt{3}/2) = ?$$



39 Inverse Trig Functions Definition

A



$$\sin^{-1}(\sqrt{3}/2) = ?$$

$$\sin(y) = x \rightarrow \sin^{-1}(x) = y$$

$$\sin(\pi/3) = \sqrt{3}/2 \rightarrow \sin^{-1}(\sqrt{3}/2) = \pi/3$$