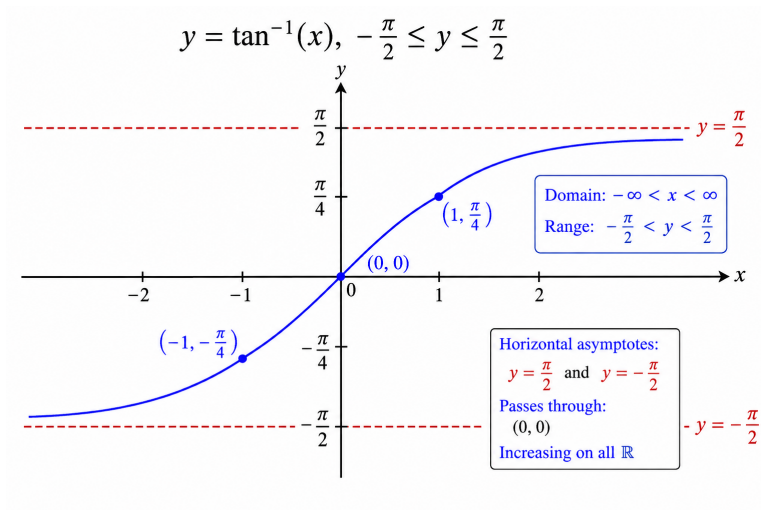
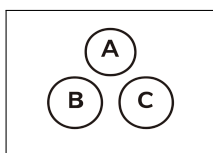
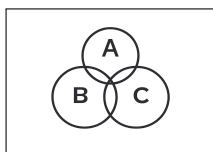


39 Inverse Trig Functions Definition

C



$$\tan(\pi/4) = 1 \rightarrow \tan^{-1}(1) = \pi/4$$



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

$$\tan^{-1}(-\pi/4) = ?$$



39 Inverse Trig Functions Definition

C



$$\tan^{-1}(-\pi/4) = ?$$

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

$$\tan(-\pi/4) = -1 \rightarrow \tan^{-1}(-1) = -\pi/4$$