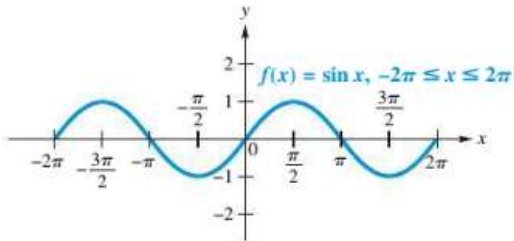


Trigonometry Review: Graphs, Domain, Range

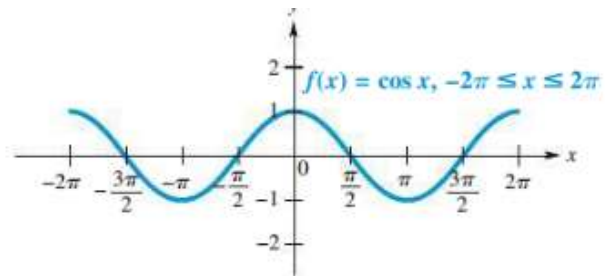
$$y = \sin x$$

Domain: $(-\infty, \infty)$ Range: $[-1, 1]$



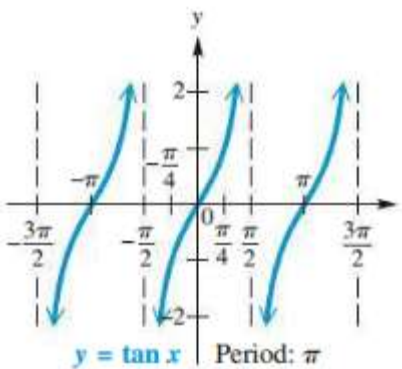
$$y = \cos x$$

Domain: $(-\infty, \infty)$ Range: $[-1, 1]$



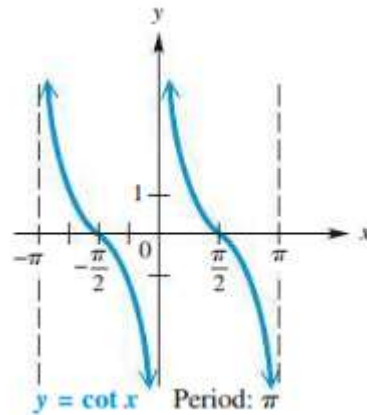
$$y = \tan x$$

Domain: $\{x \mid x \neq (2n+1)\frac{\pi}{2}, \text{ where } n \text{ is any integer}\}$ Range: $(-\infty, \infty)$



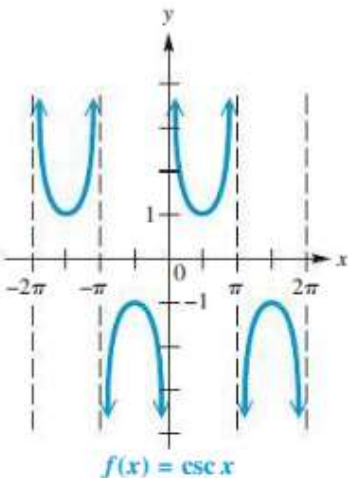
$$y = \cot x$$

Domain: $\{x \mid x \neq n\pi, \text{ where } n \text{ is any integer}\}$ Range: $(-\infty, \infty)$



$$y = \csc x$$

Domain: $\{x \mid x \neq n\pi, \text{ where } n \text{ is any integer}\}$ Range: $(-\infty, -1] \cup [1, \infty)$



$$y = \sec x$$

Domain: $\{x \mid x \neq (2n+1)\frac{\pi}{2}, \text{ where } n \text{ is any integer}\}$ Range: $(-\infty, -1] \cup [1, \infty)$

