



**Describe the main features of the graph:**

General coordinates of x-intercepts:  $(2n-1)\frac{\pi}{2}, 0$

y-intercept: none

Maximum value: none

Minimum value: none

$$\cot x = \frac{1}{\tan x}$$

General equation of vertical asymptotes:

$$VA: x = n\pi, \text{ where } n \in \mathbb{Z}$$

Period:  $\pi$

Domain:  $D: \{x \mid x \neq n\pi, n \in \mathbb{Z}, x \in \mathbb{R}\}$

Range:  $R: \{y \mid y \in \mathbb{R}\}$