



VIDEO PLAYLIST: [parkermaths.com/y2trig1](https://parkermaths.com/y2trig1)



TRIGONOMETRY ▶ SECANT, COSECANT AND COTANGENT ▶ KEY FACTS



TOP TIP

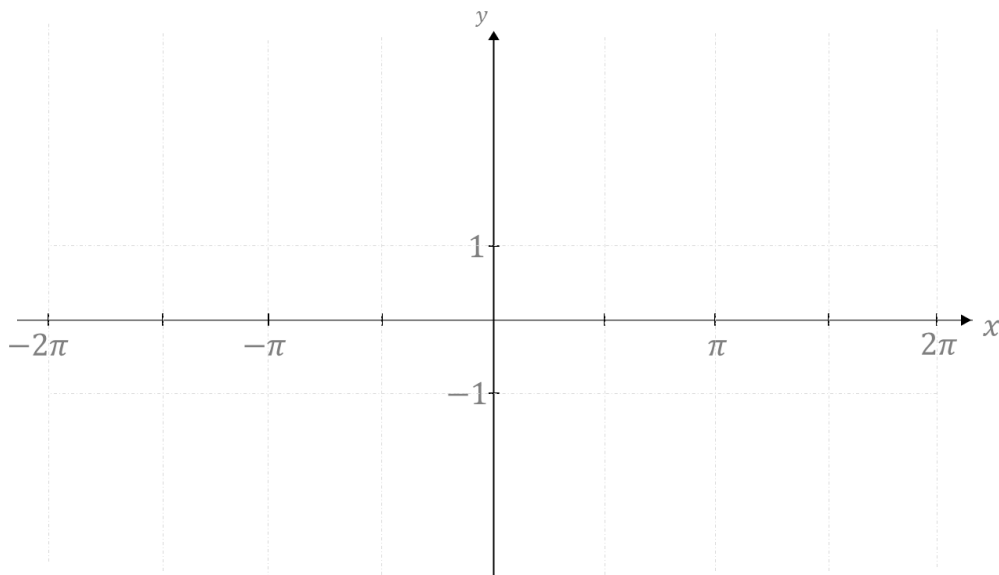
$$\sec x = \frac{1}{\cos x}$$

$$\operatorname{cosec} x = \frac{1}{\sin x}$$

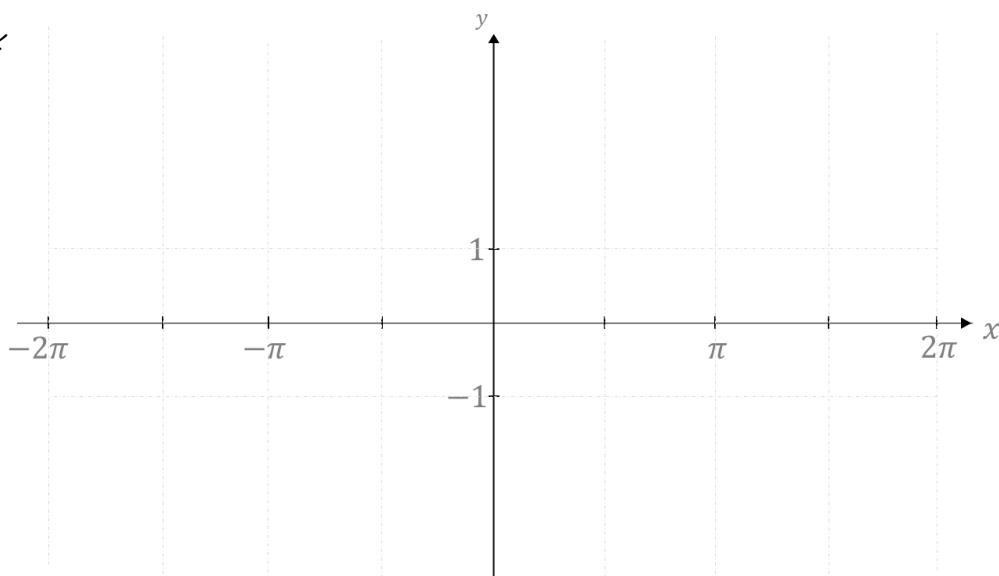
$$\cot x = \frac{1}{\tan x} = \frac{\cos x}{\sin x}$$

Use the third letter of each reciprocal function the help remember these.

$$y = \sec x$$



$$y = \operatorname{cosec} x$$



$$y = \cot x$$

