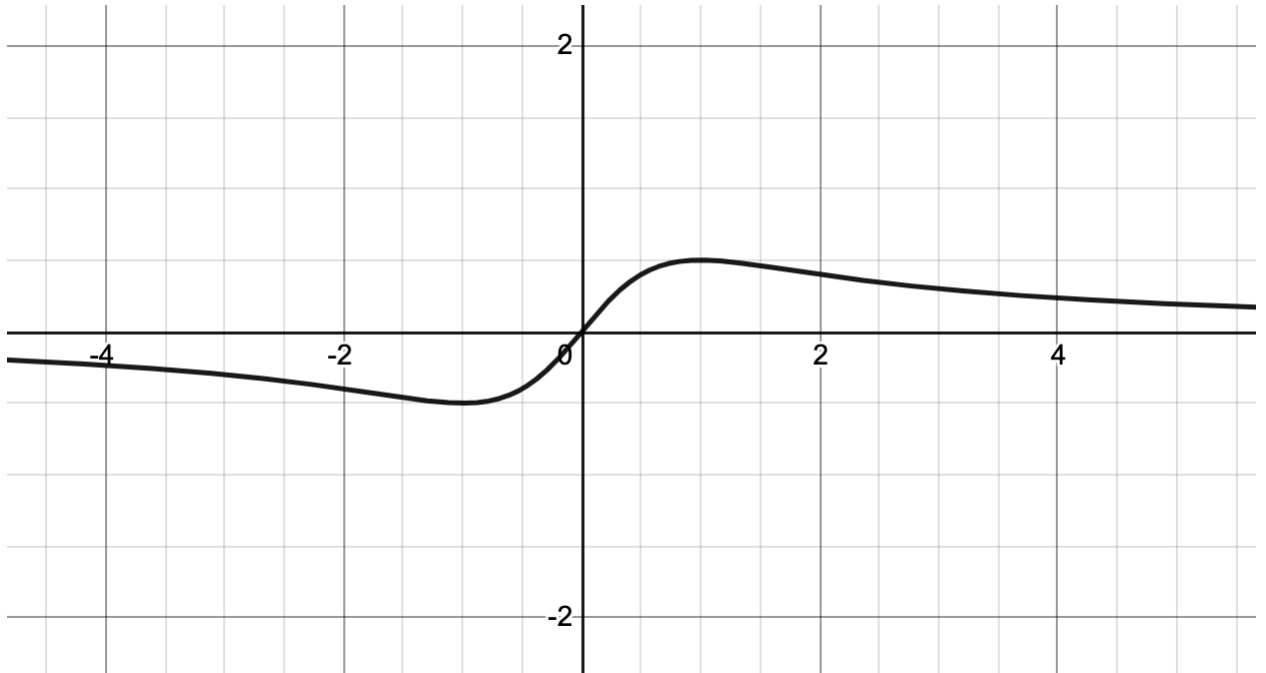


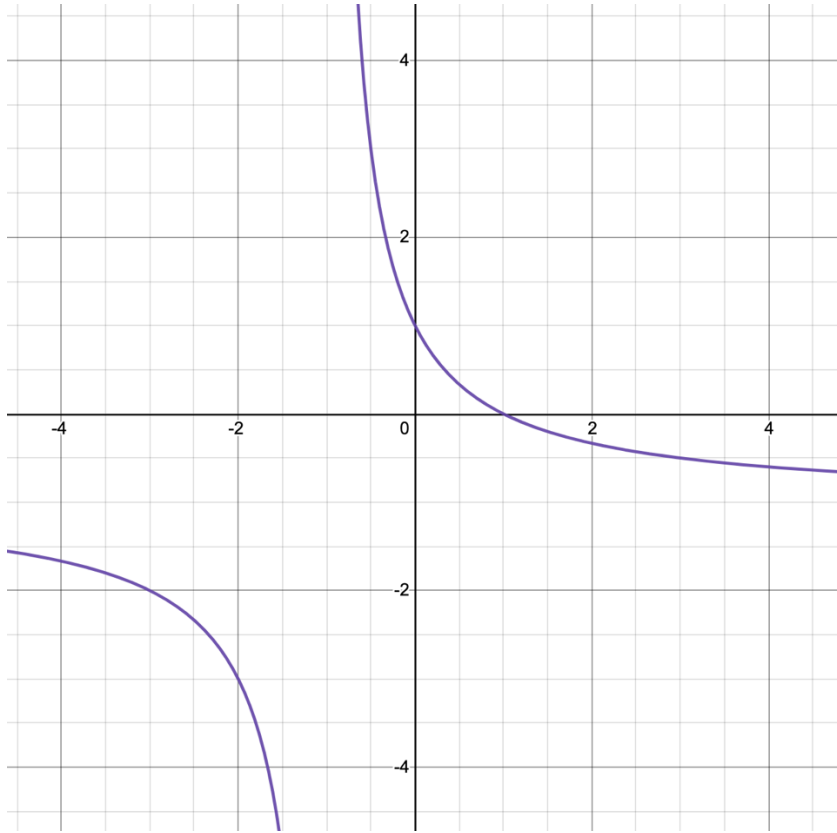
## Horizontal Asymptotes and Graphing

Graph the following curves by finding the horizontal asymptotes, intervals of increasing/decreasing, and intervals of concavity.

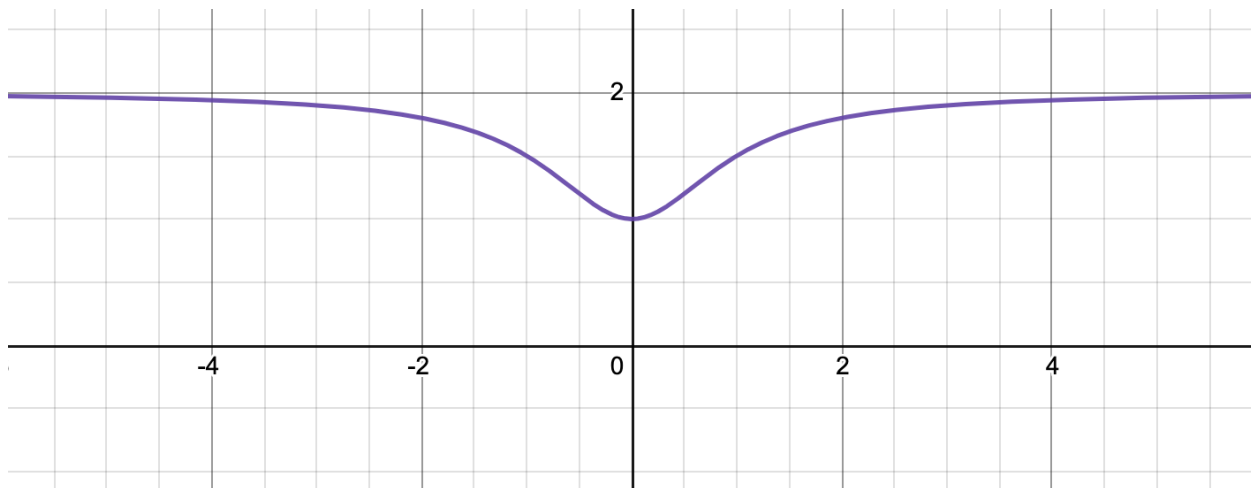
1.  $y = \frac{x}{x^2+1}$



2.  $y = \frac{1-x}{1+x}$



3.  $y = \frac{1+2x^2}{1+x^2}$



4.  $y = \frac{x}{\sqrt{x^2+1}}$

