The set of Natural numbers is denoted by  $\mathbb{N}$ .

The set of Integers is denoted by  $\mathbb{Z}$ .

The set of Real numbers is denoted by  $\mathbb{R}$ 

Graph  $y = \frac{x}{3x^2 + x + 1}$ . Remember to include a scale and label your axis.



Images must be saved as .png, .jpg, .gif, or .pdf files.



Identify the asymptotes for the graph of  $y = \frac{x}{3x^2 + x + 1}$ .