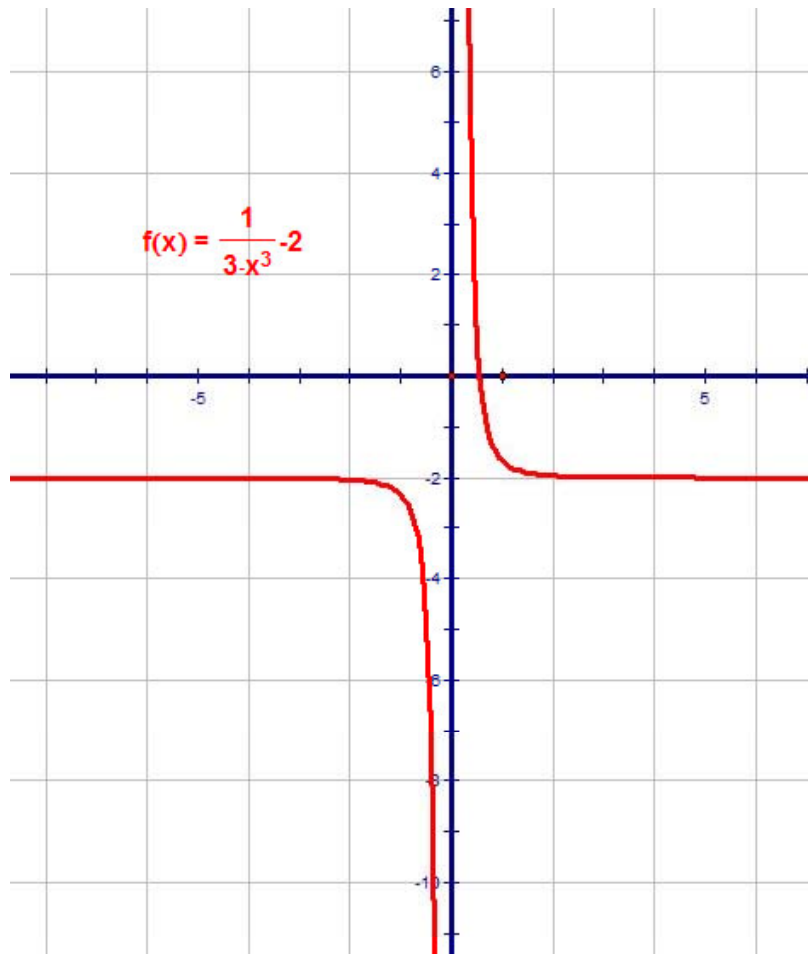


Graph the function  $f(x) = \frac{1}{3x^3} - 2$  and describe its properties.



*Domain:*  $\{ x: x \neq 0 \}$

*Range:*  $(-\infty, -2) \cup (-2, \infty)$

*Intercept:*  $x = \frac{1}{\sqrt[3]{6}}$

*The line  $x=0$  is a vertical asymptote.*

*The line  $y=-2$  is a horizontal asymptote.*