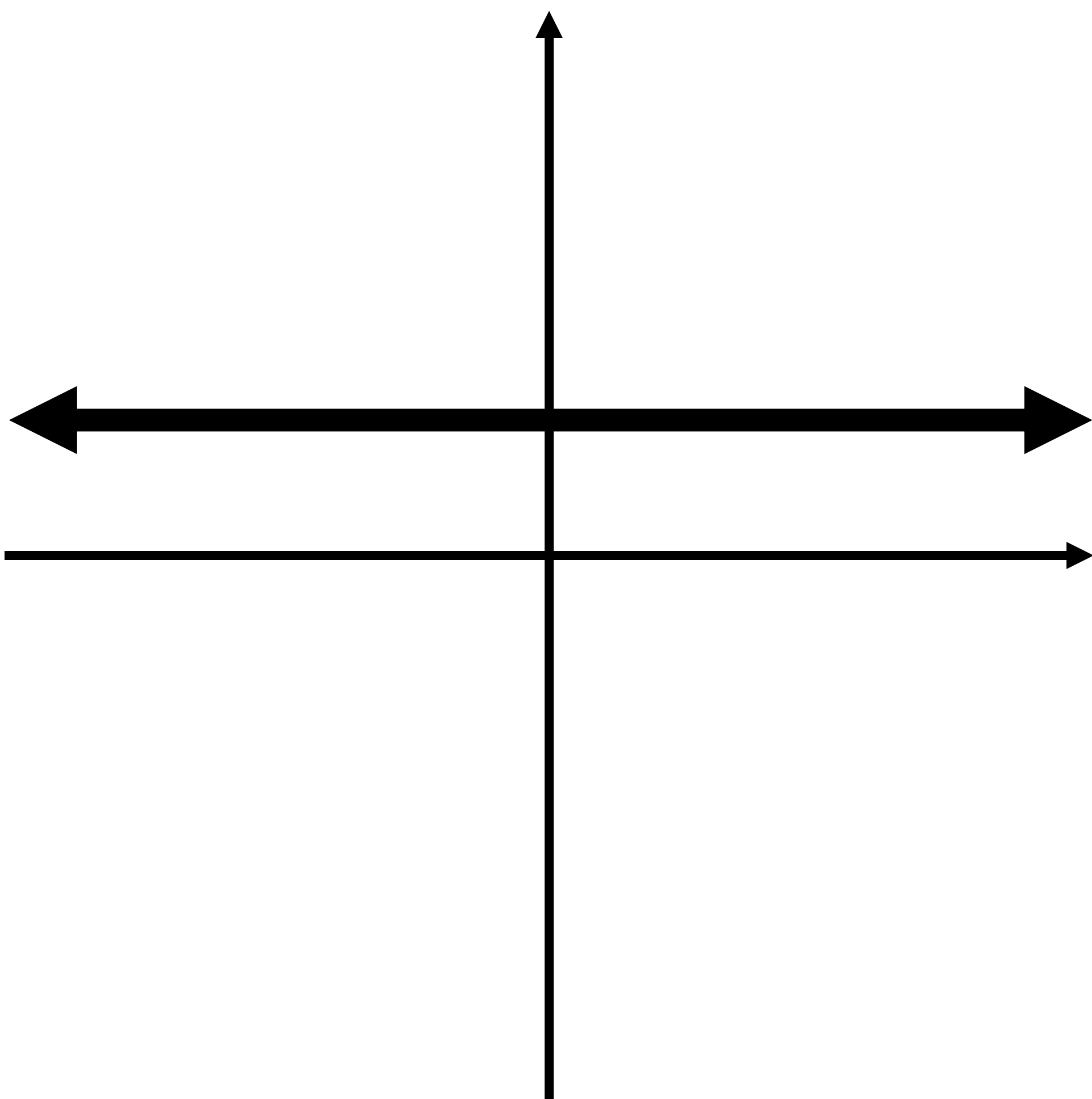
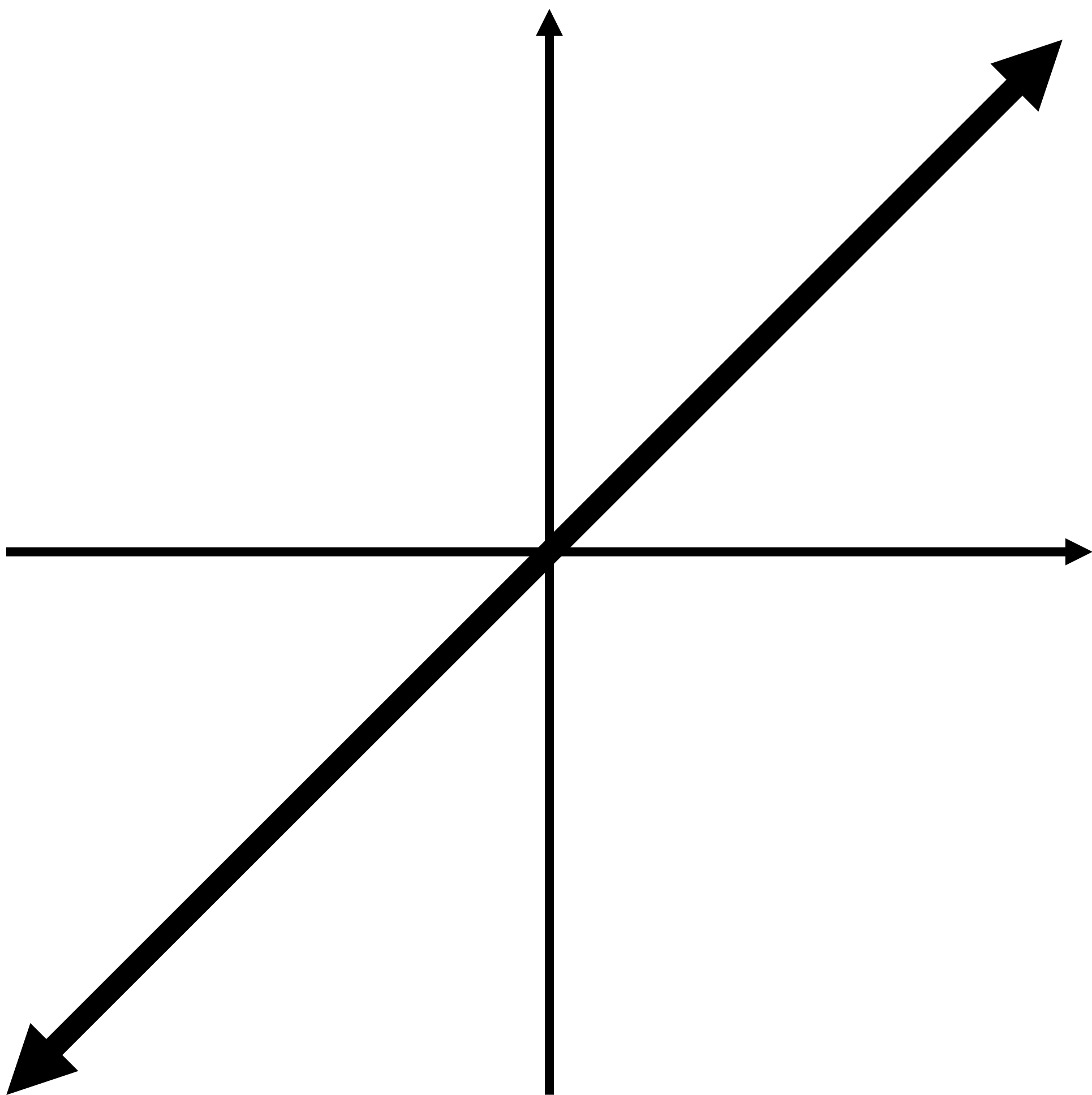


# CONSTANT



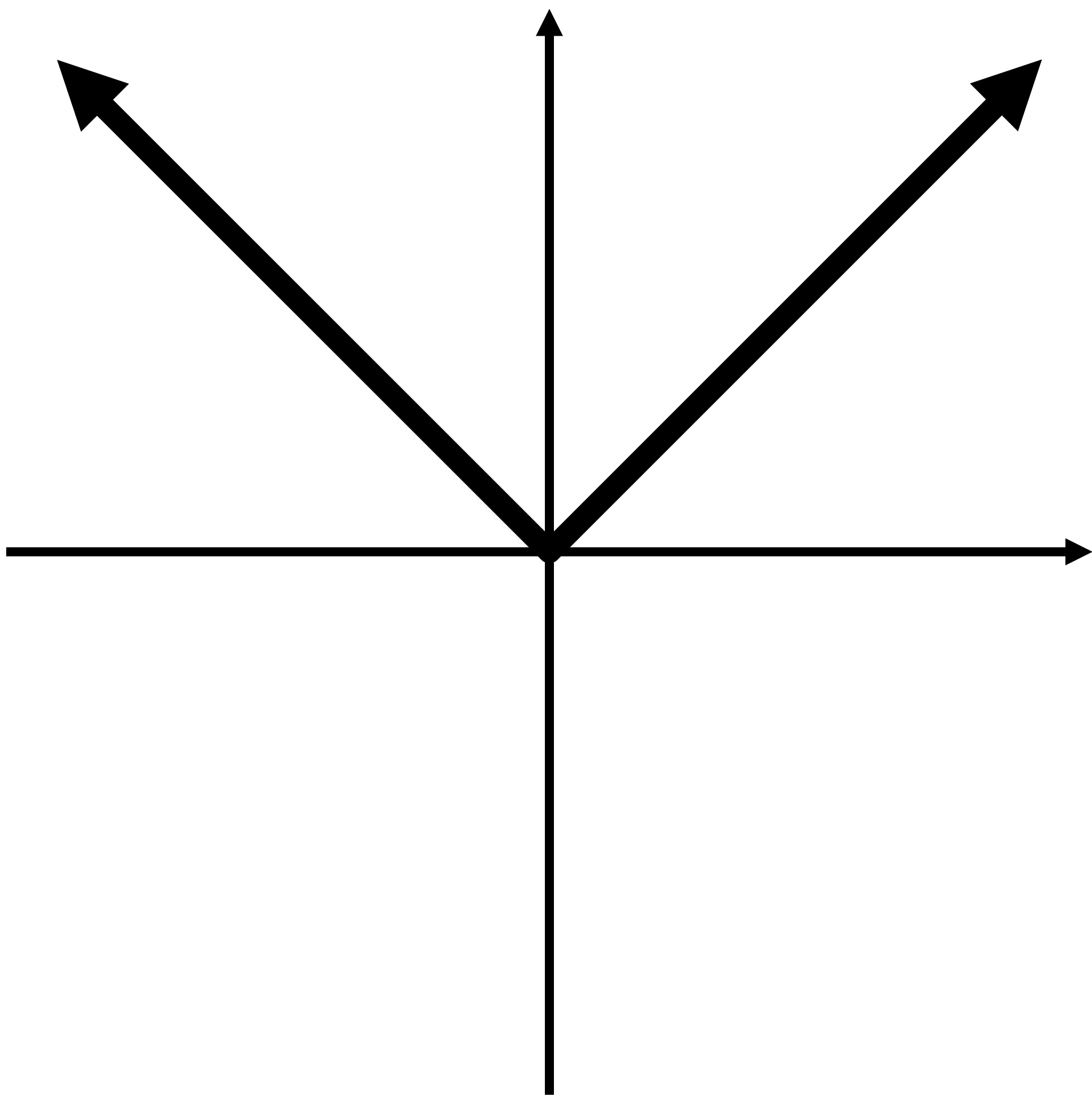
$$f(x) = 1$$

# LINEAR



$$f(x) = x$$

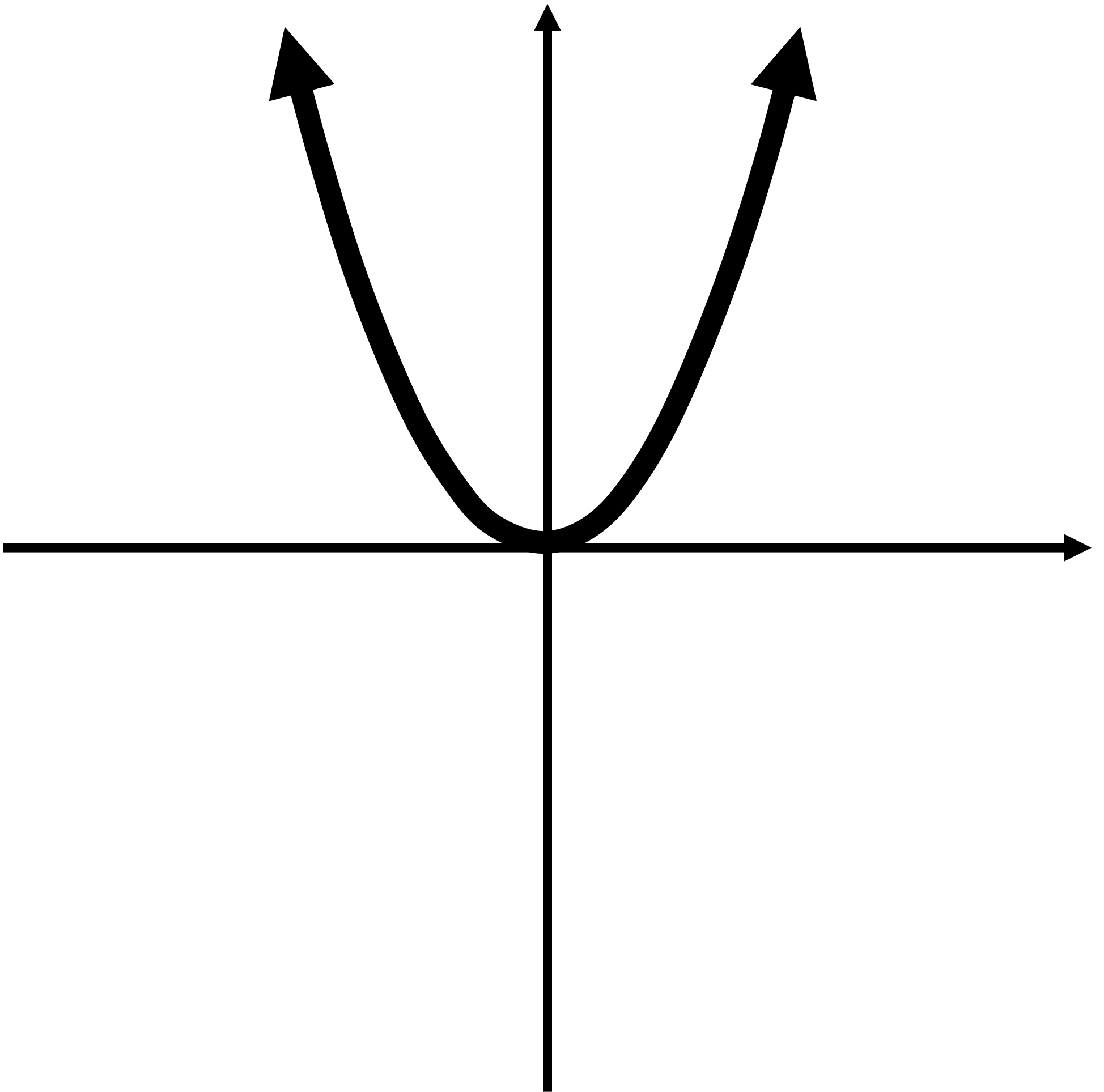
# ABSOLUTE VALUE



$$f(x) = |x|$$

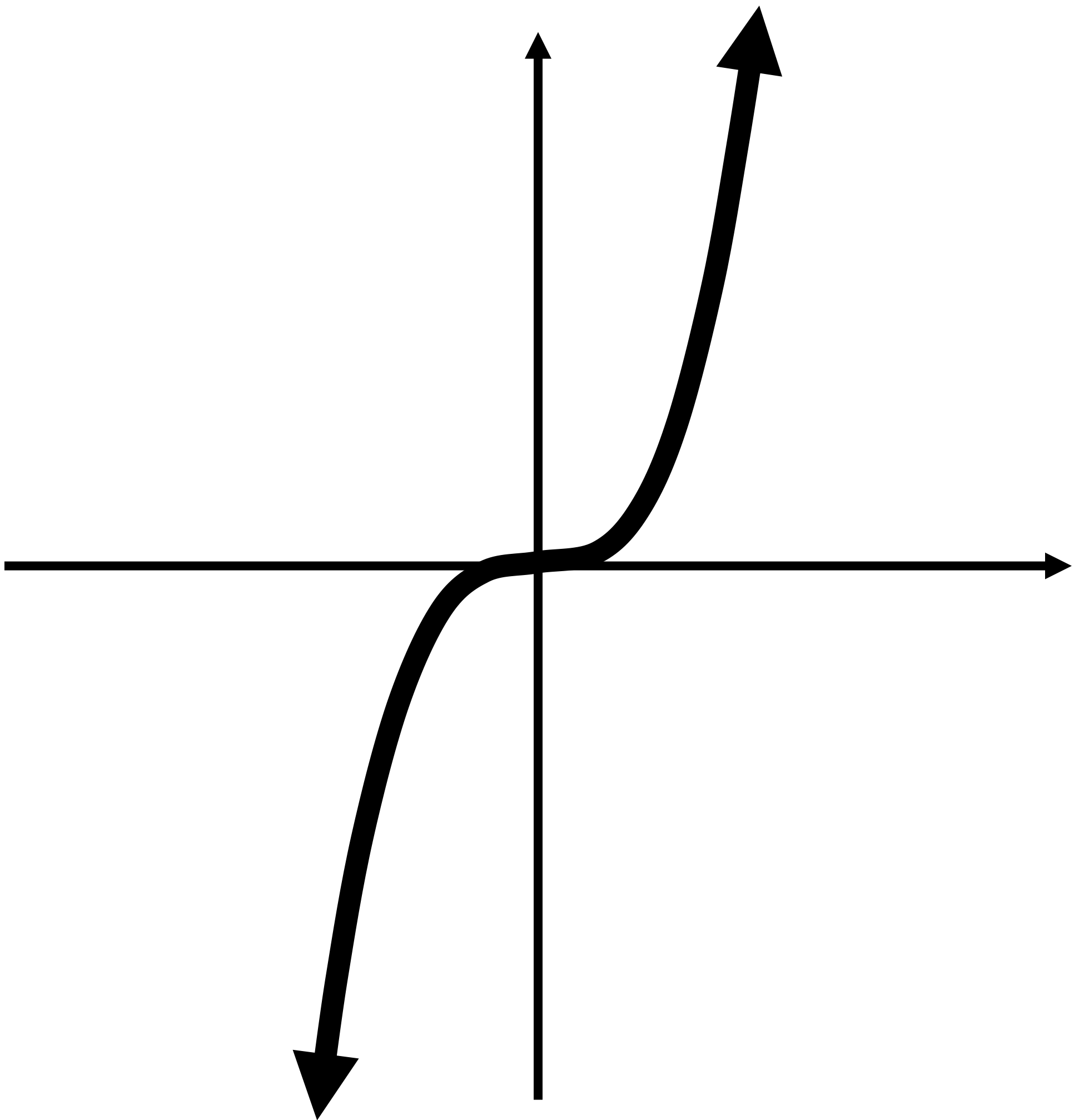
# QUADRATIC

## (PARABOLA)



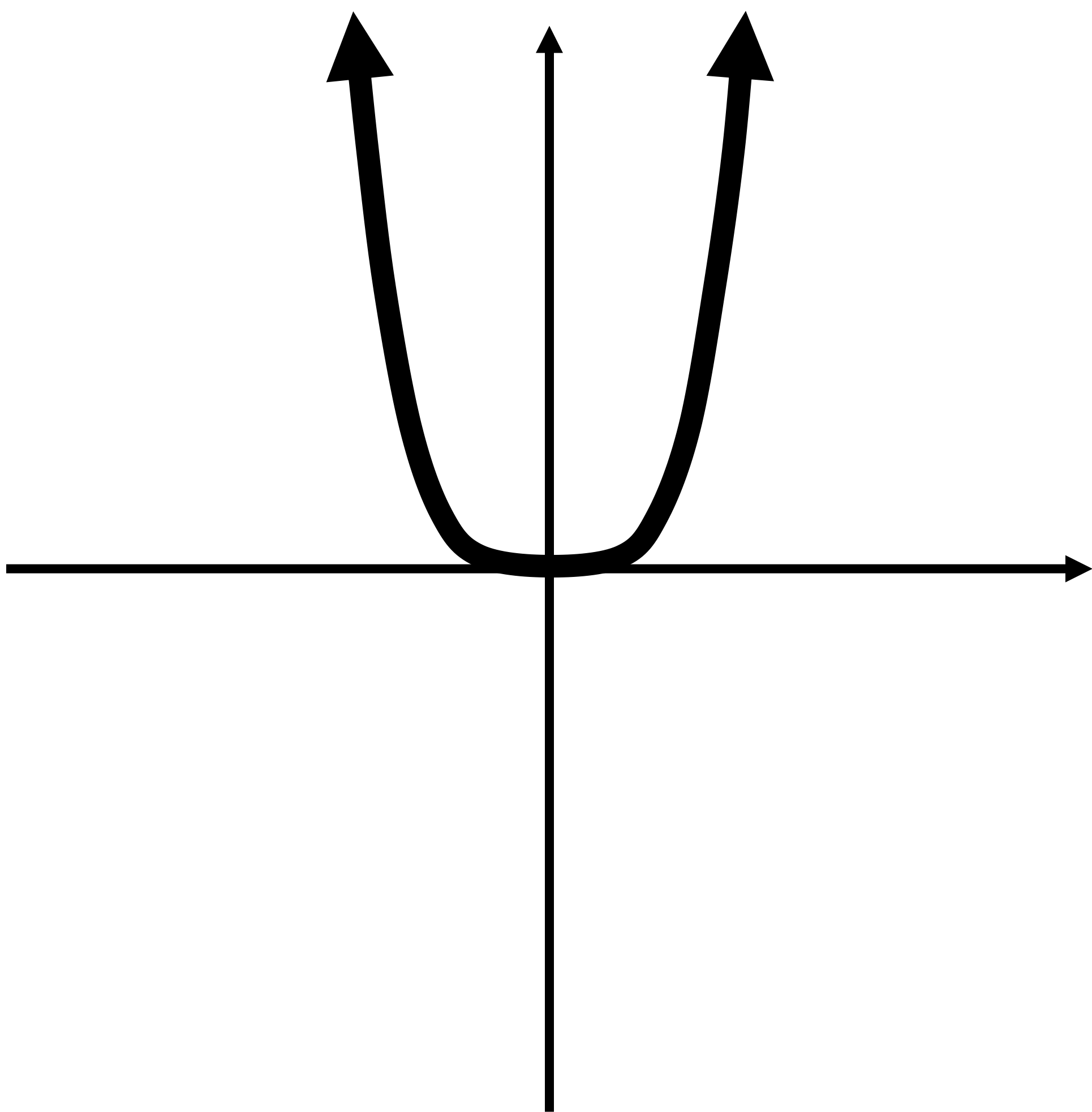
$$f(x) = x^2$$

# CUBIC



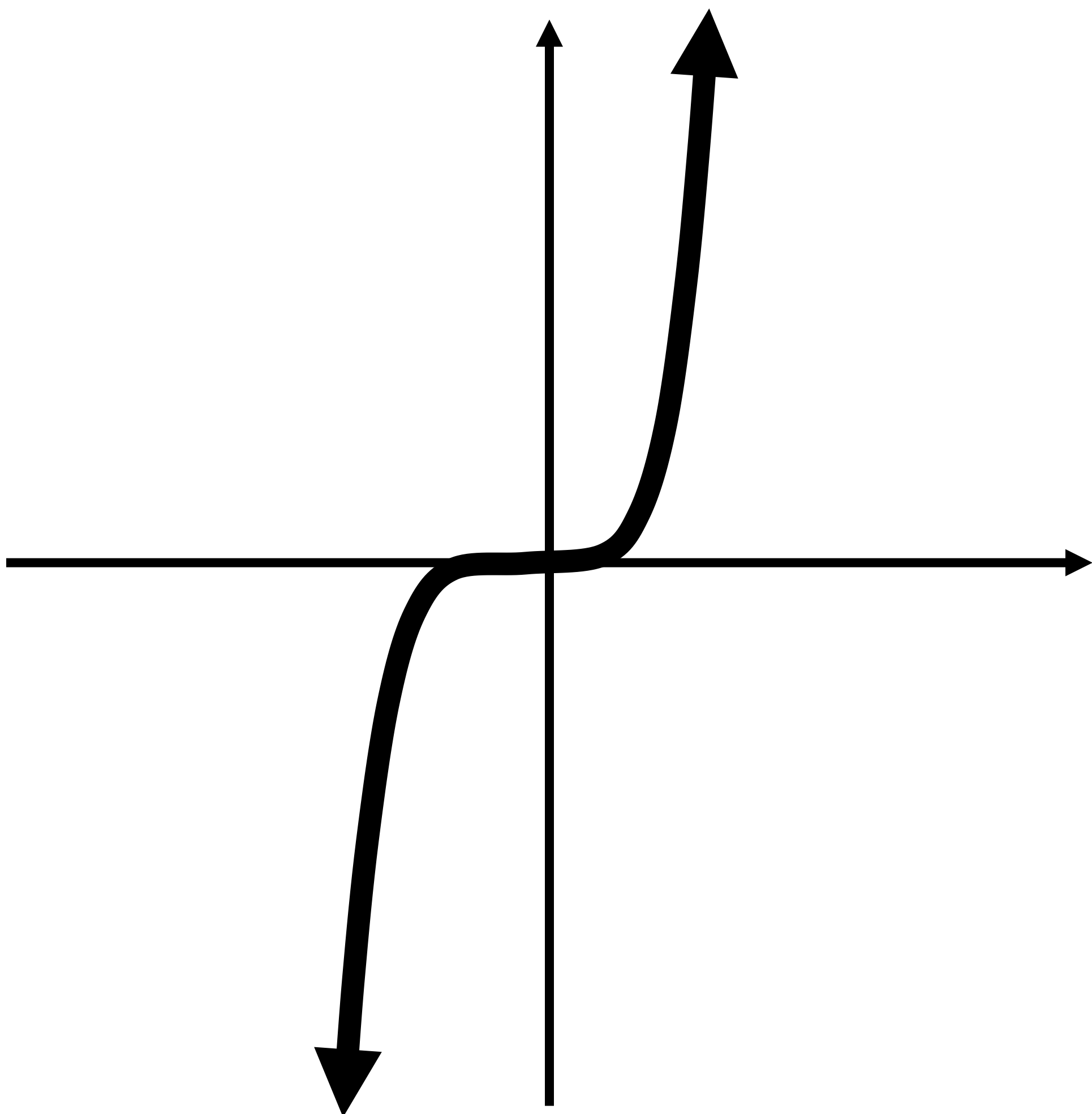
$$f(x) = x^3$$

# QUARTIC



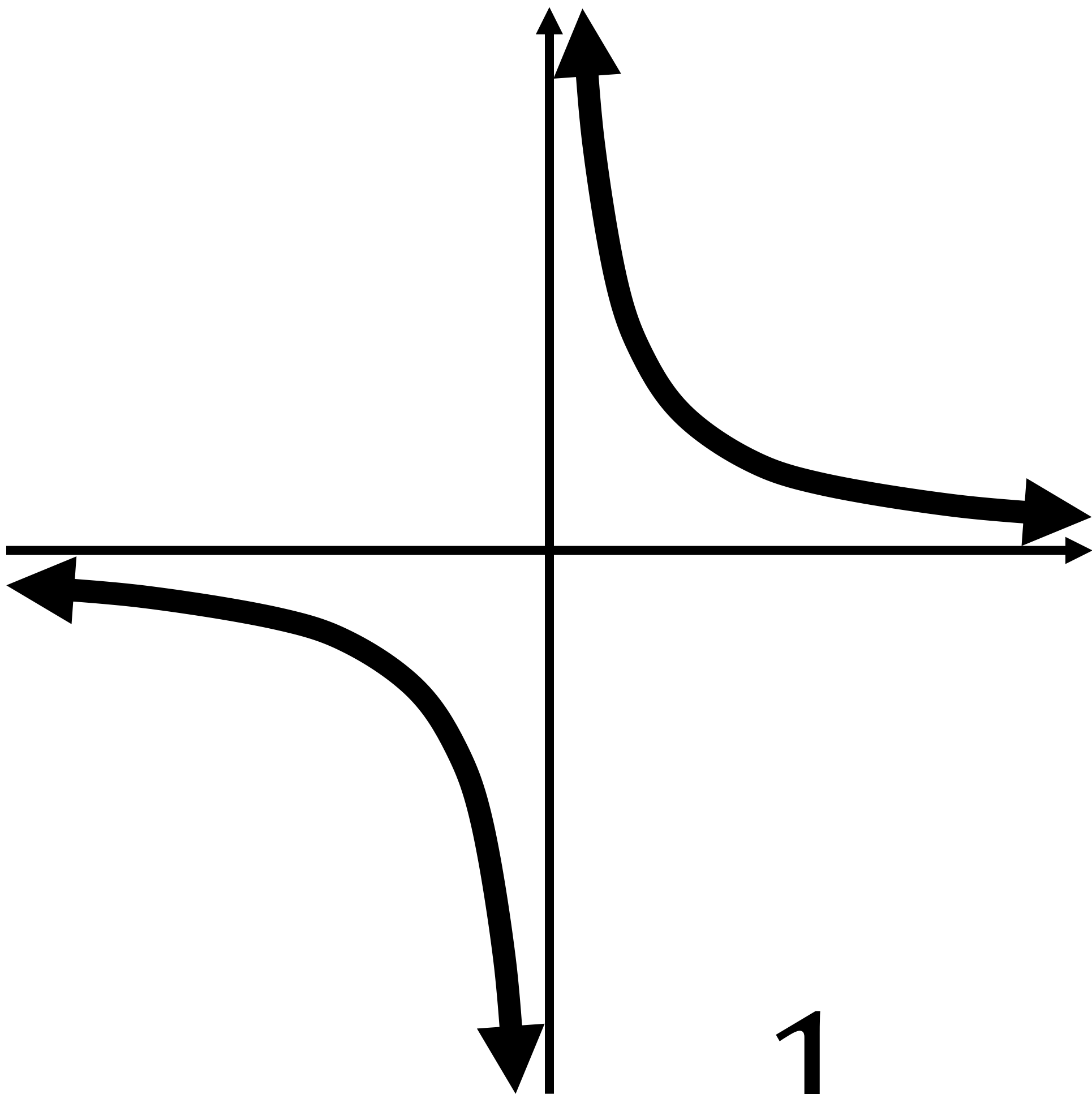
$$f(x) = x^4$$

# QUINTIC



$$f(x) = x^5$$

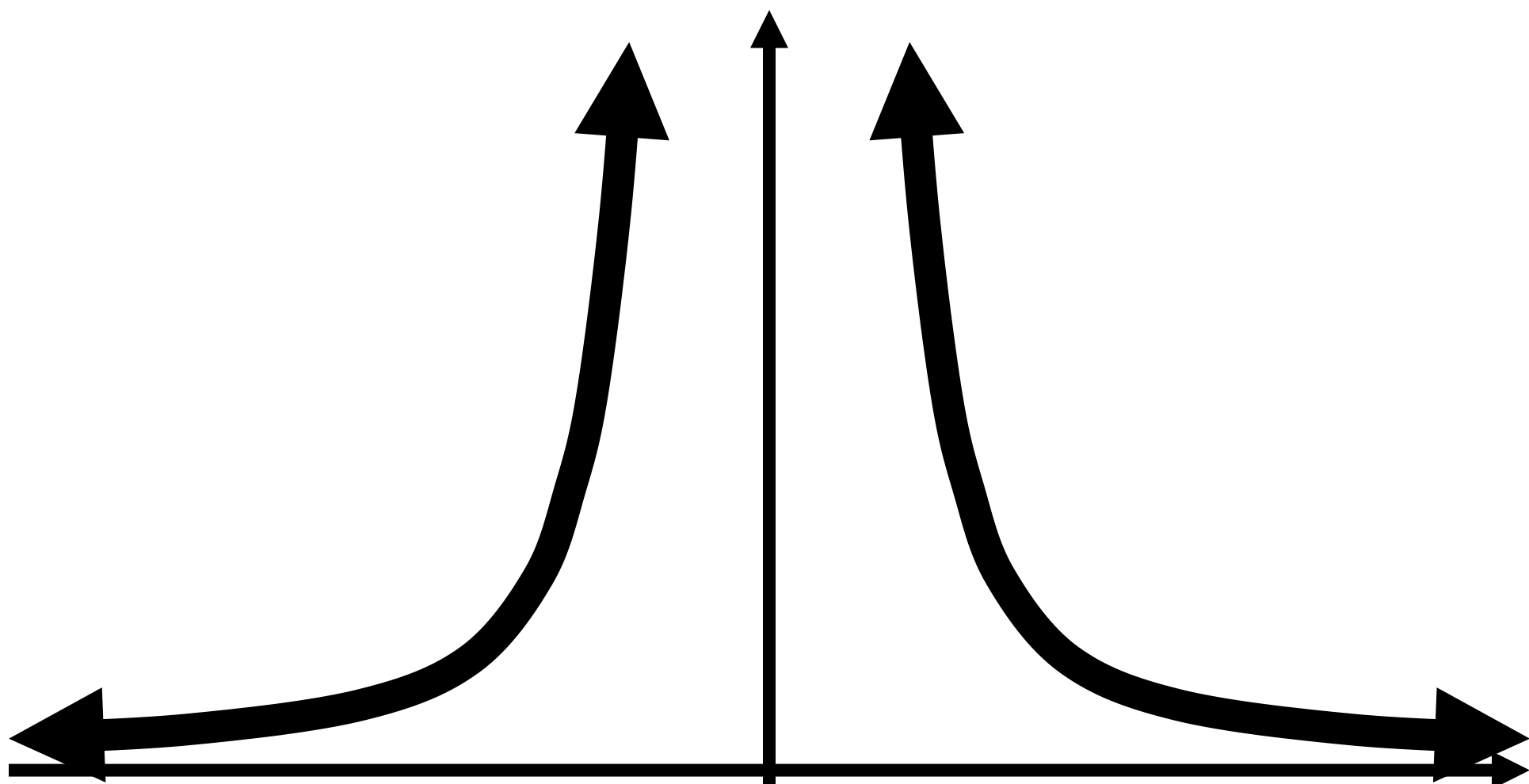
# RATIONAL (HYPERBOLA)



$$f(x) = \frac{1}{x}$$

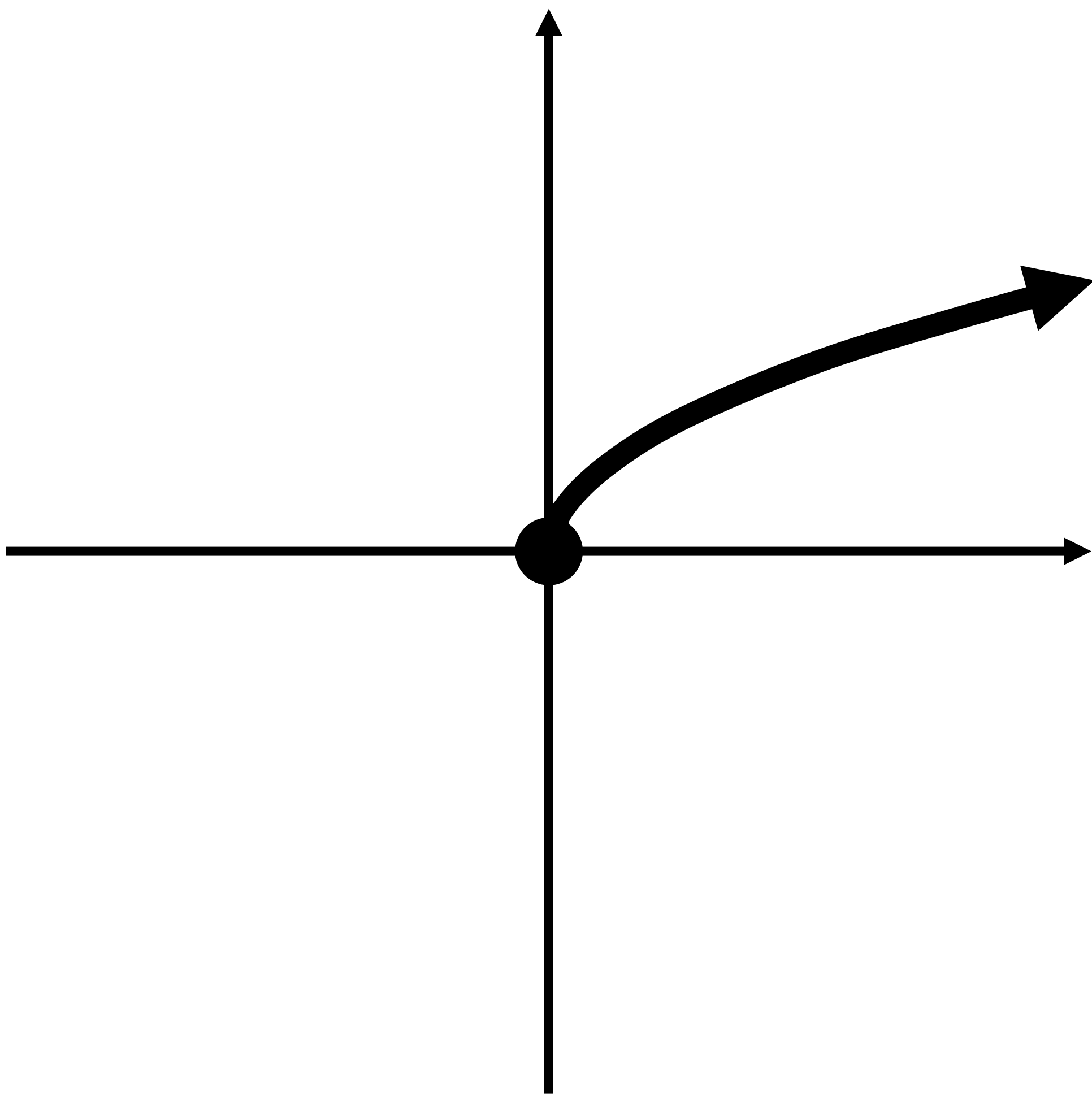


# RATIONAL (TRUNCUS)



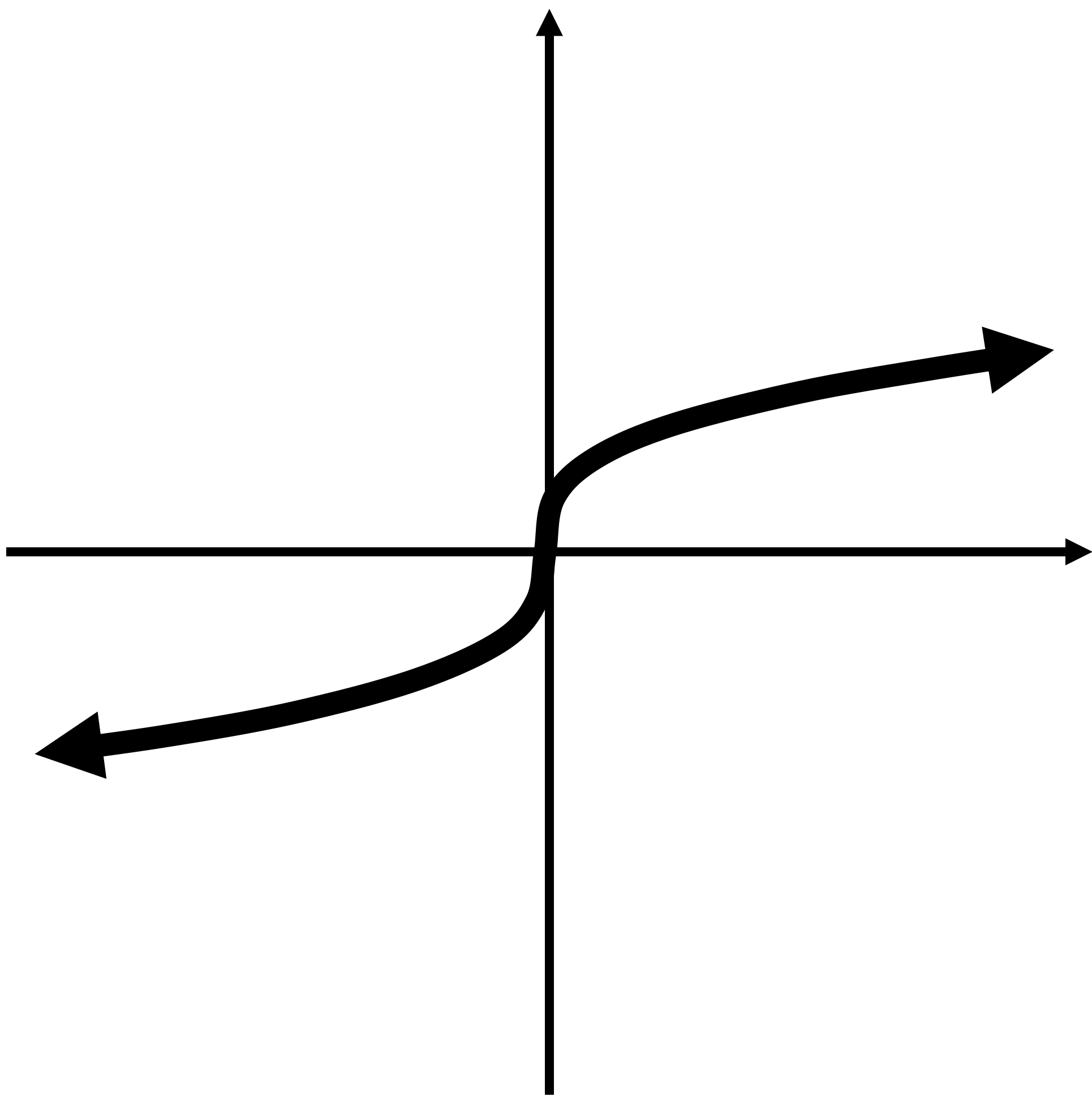
$$f(x) = \frac{1}{x^2}$$

# SQUARE ROOT



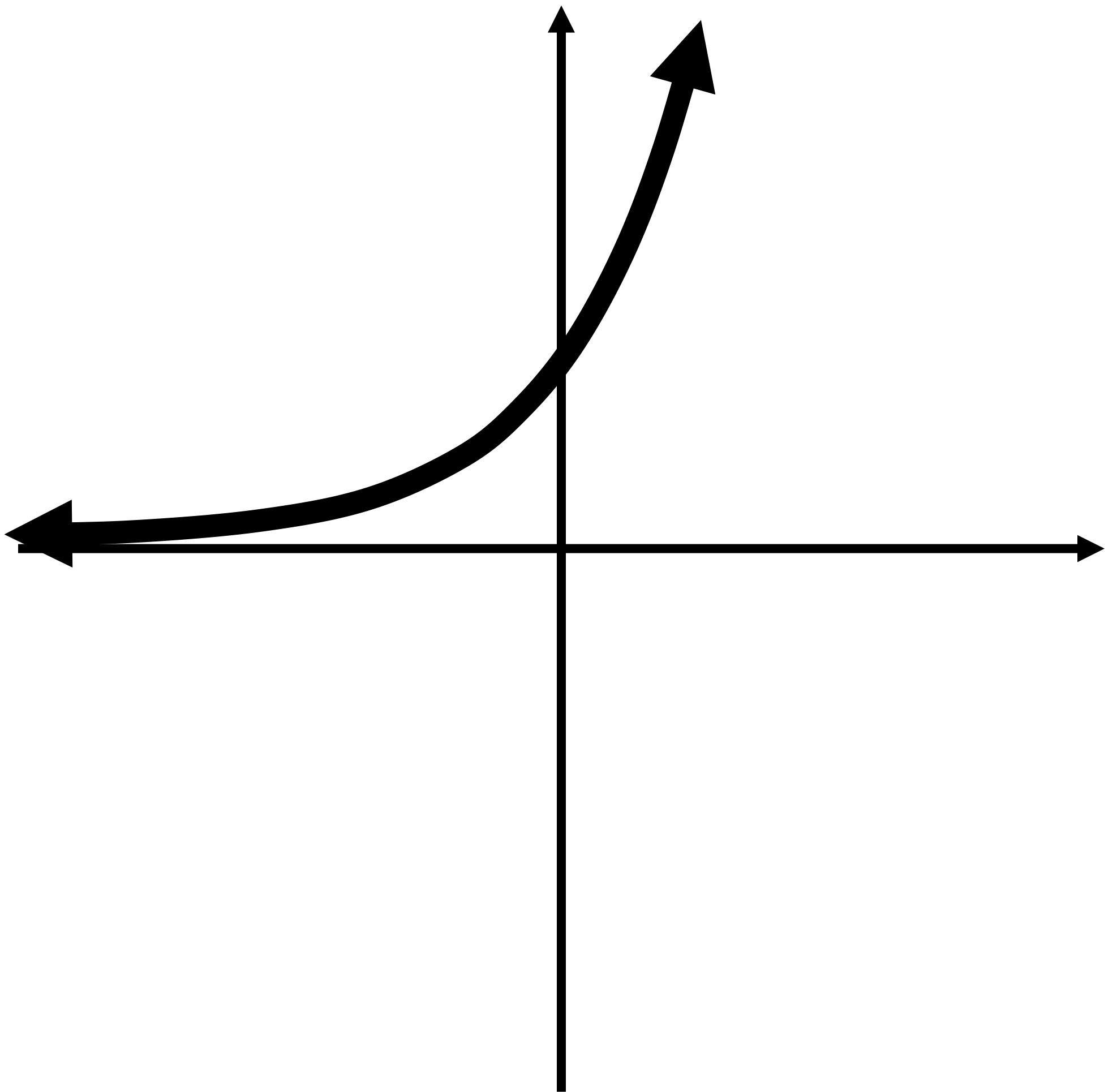
$$f(x) = \sqrt{x}$$

# CUBE ROOT



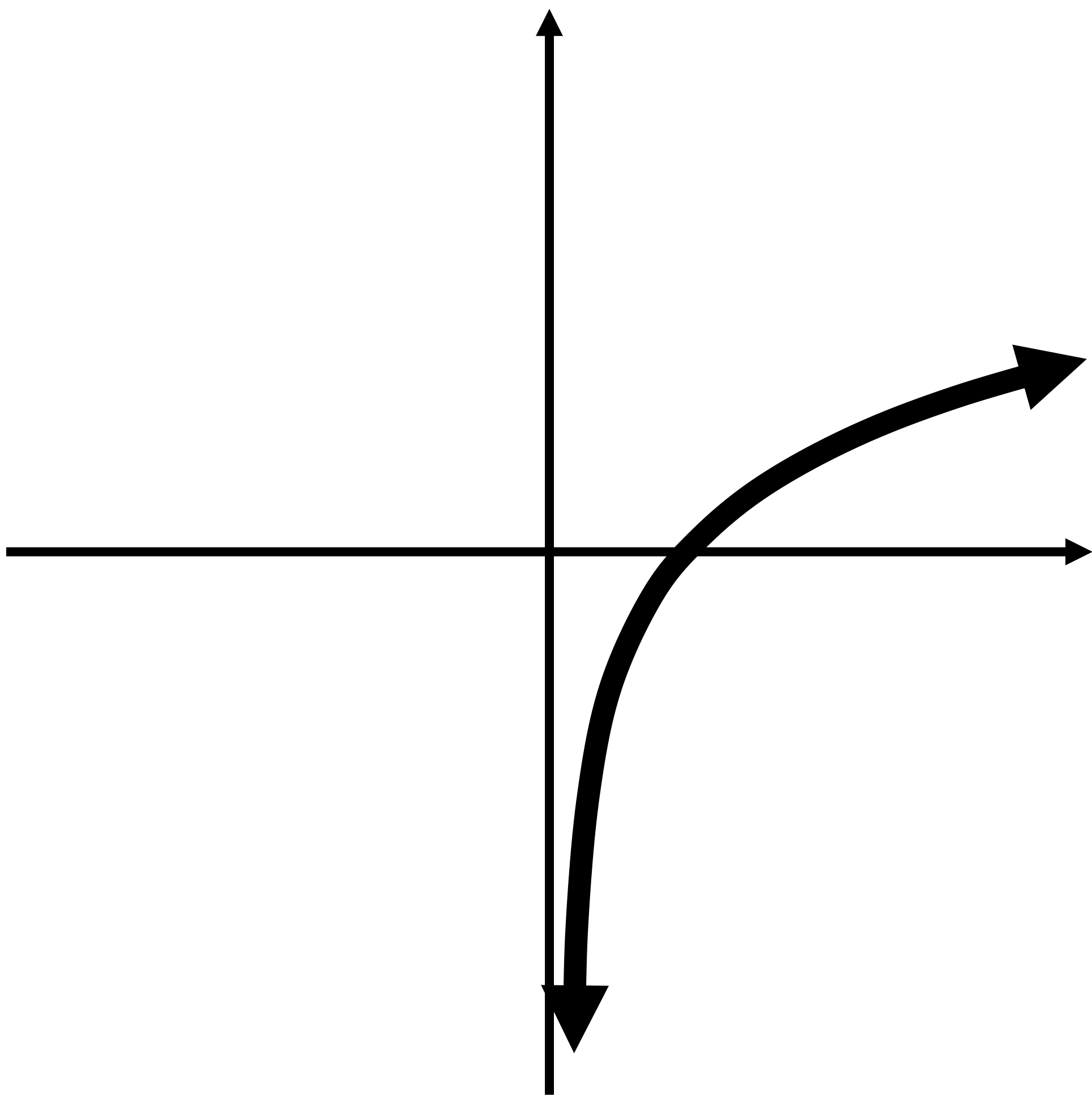
$$f(x) = \sqrt[3]{x}$$

# EXPONENTIAL



$$f(x) = e^x$$

# LOGARITHMIC



$$f(x) = \ln x$$