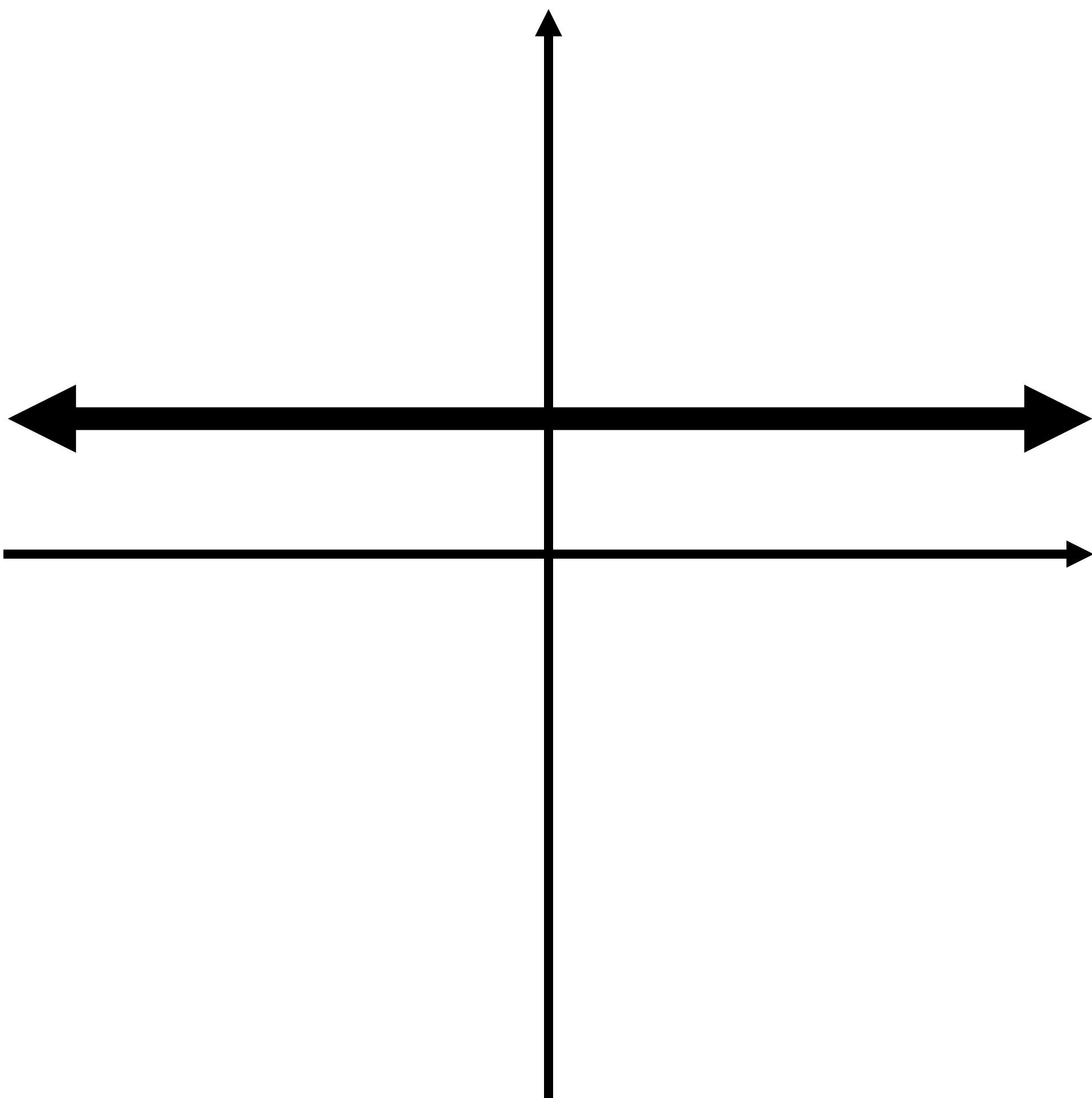
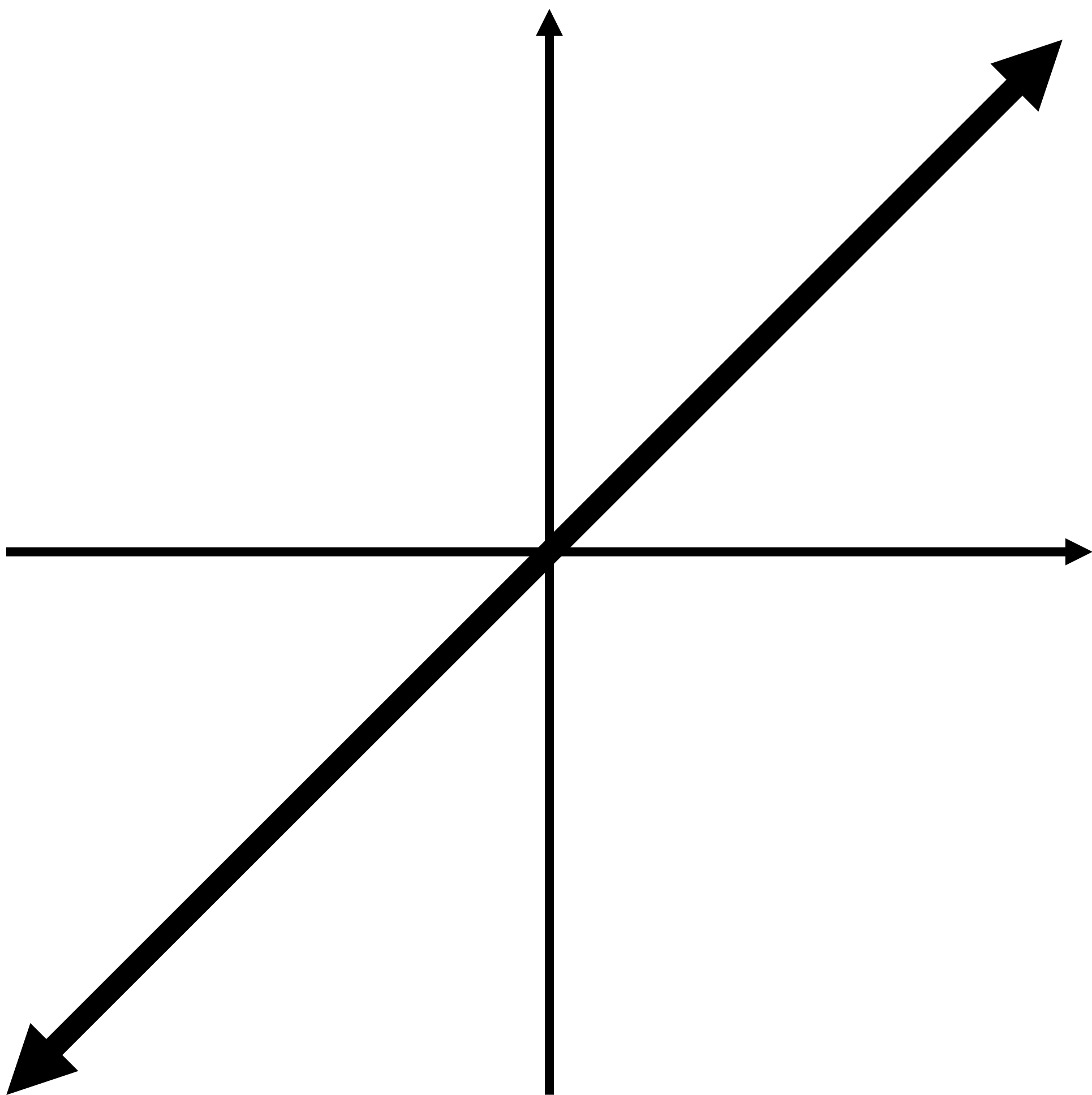


CONSTANT



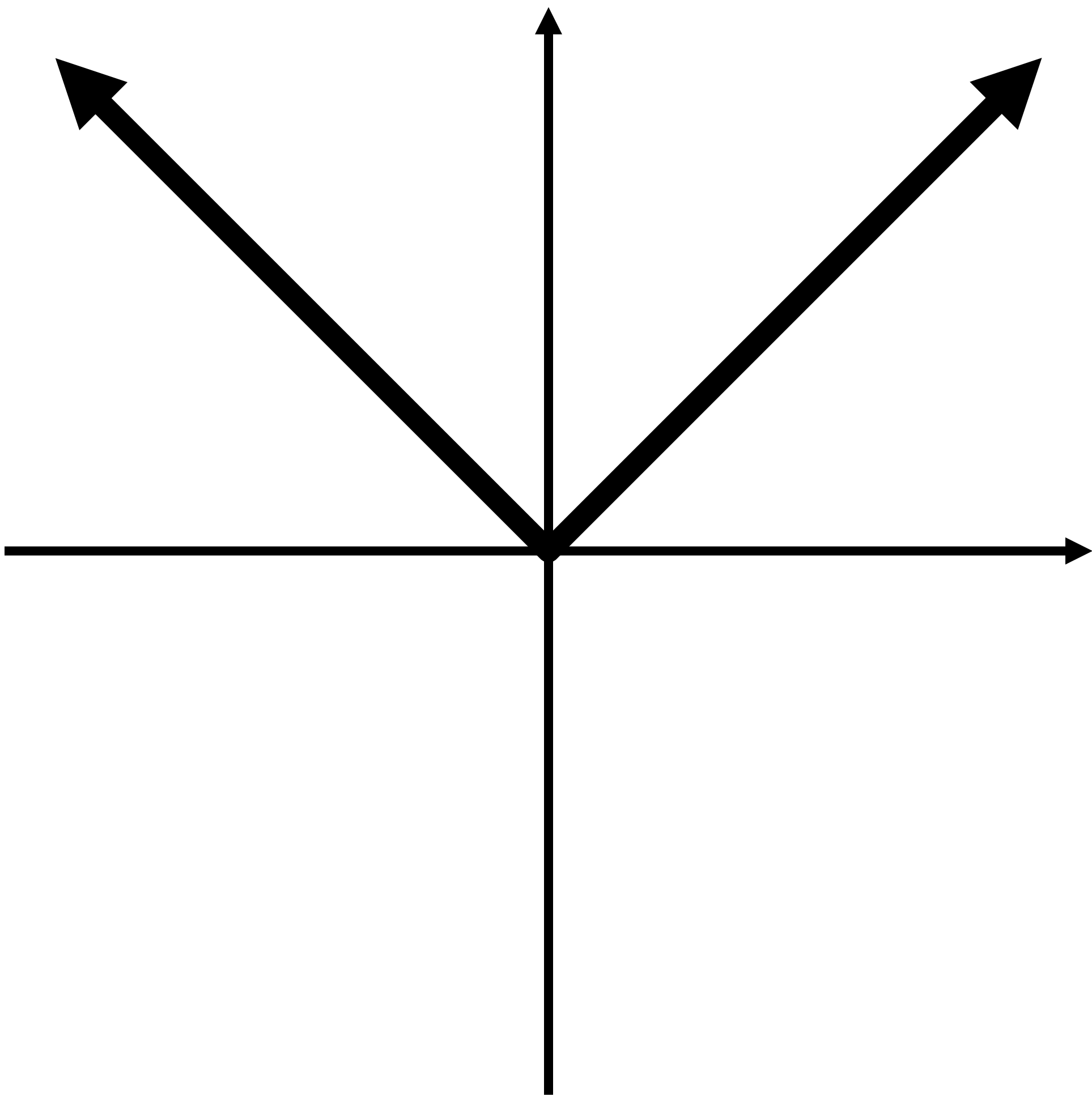
$$f(x) = 1$$

LINEAR



$$f(x) = x$$

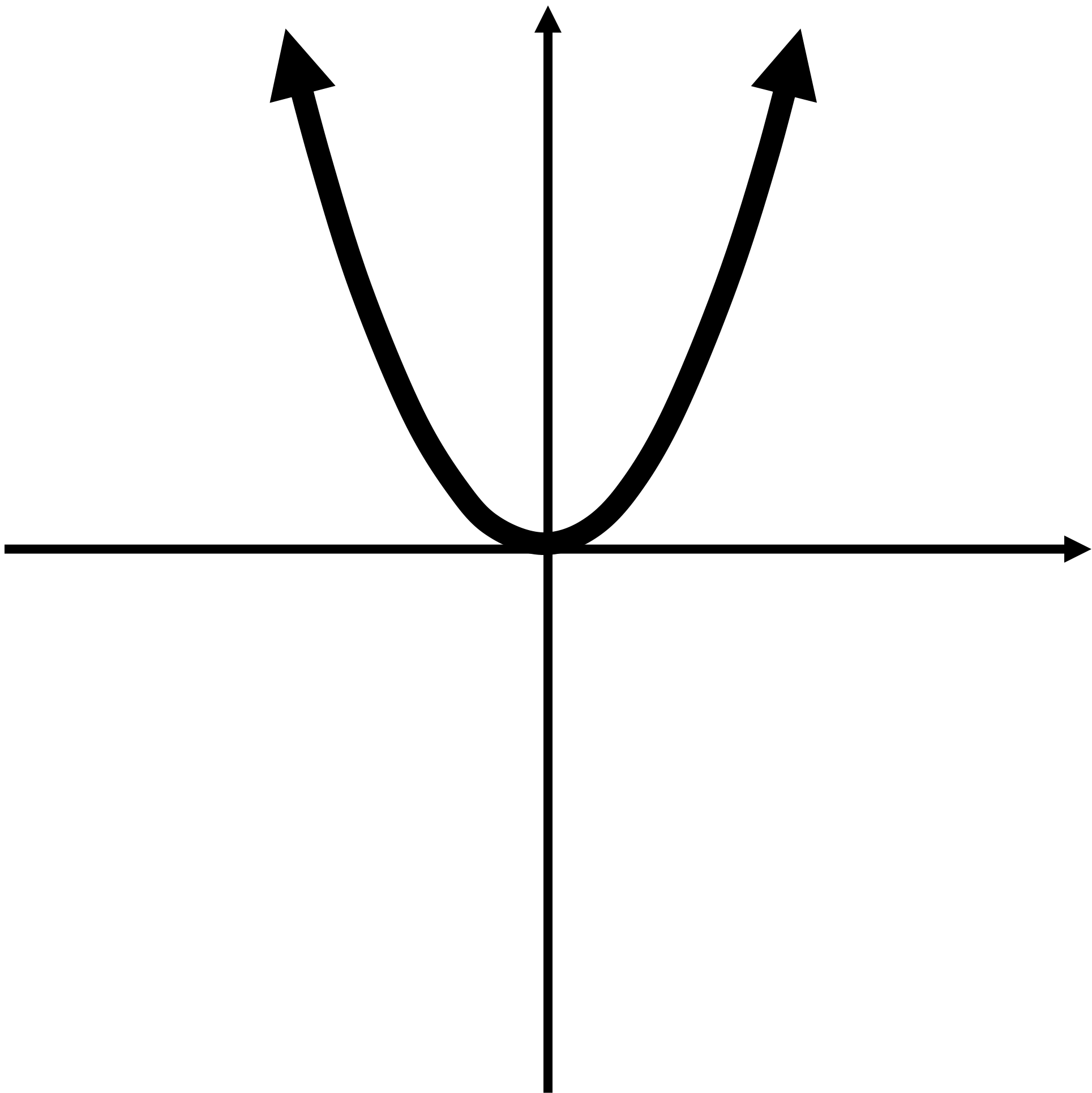
ABSOLUTE VALUE



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

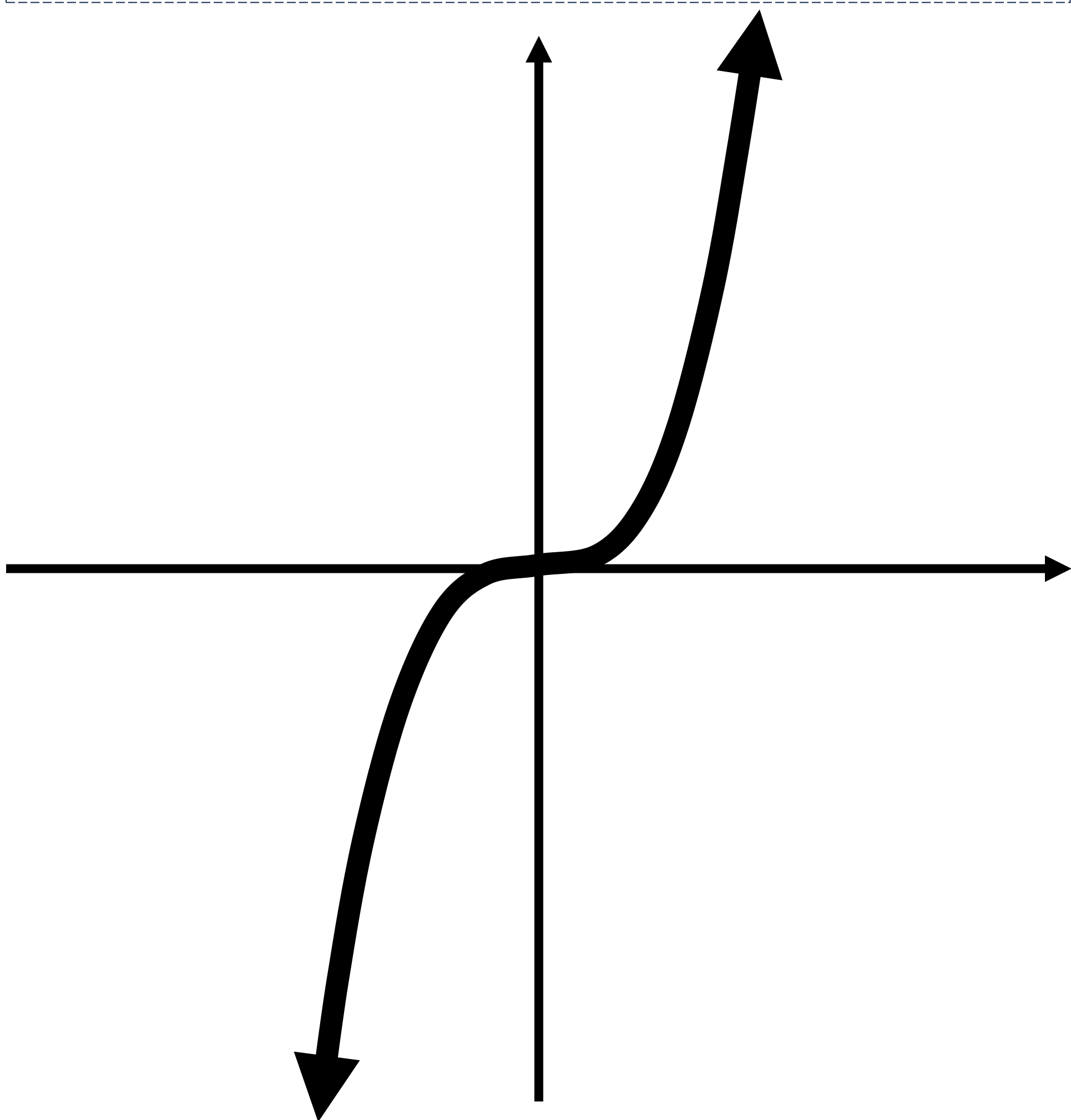
QUADRATIC

(PARABOLA)



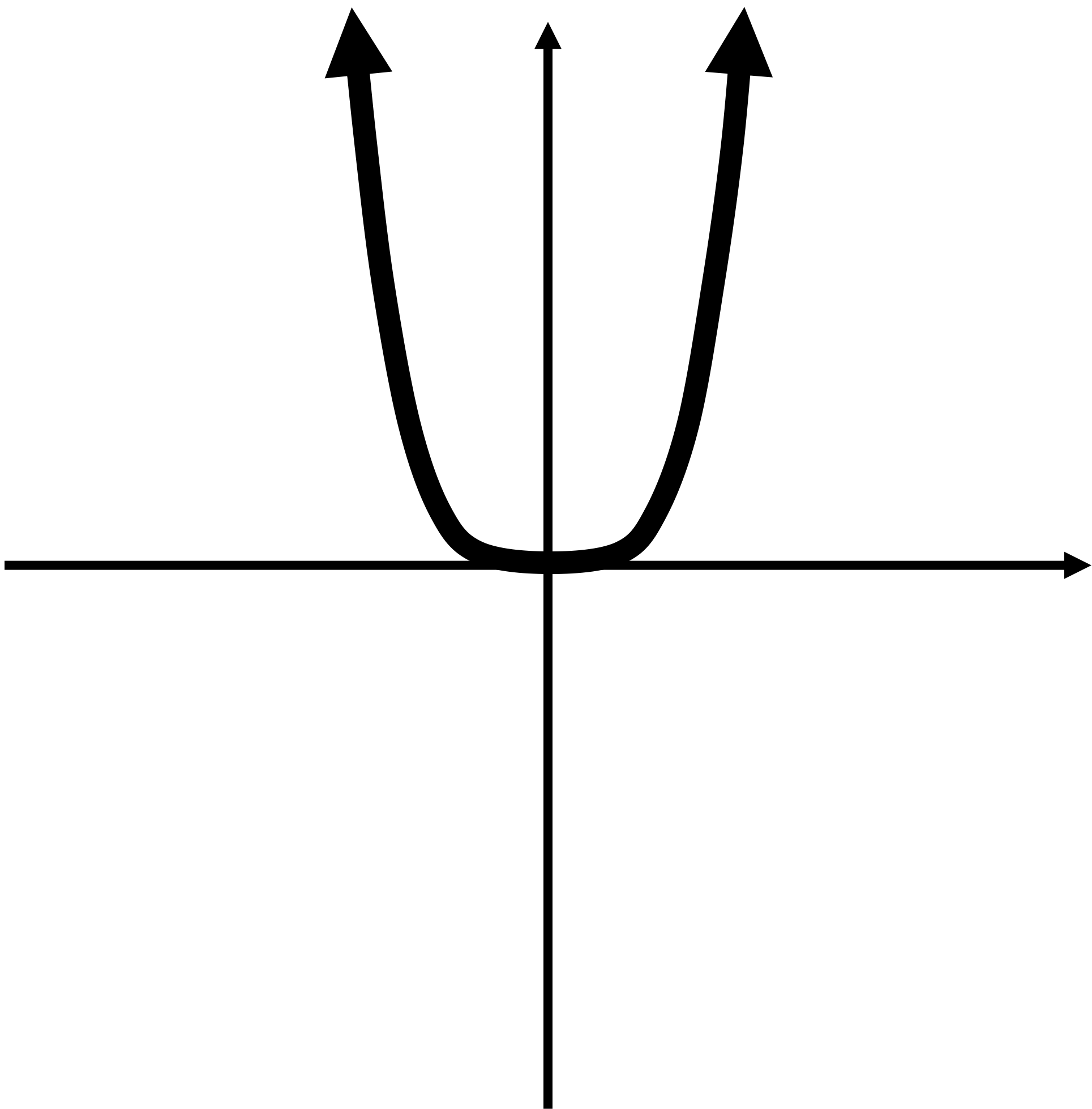
$$f(x) = x^2$$

CUBIC



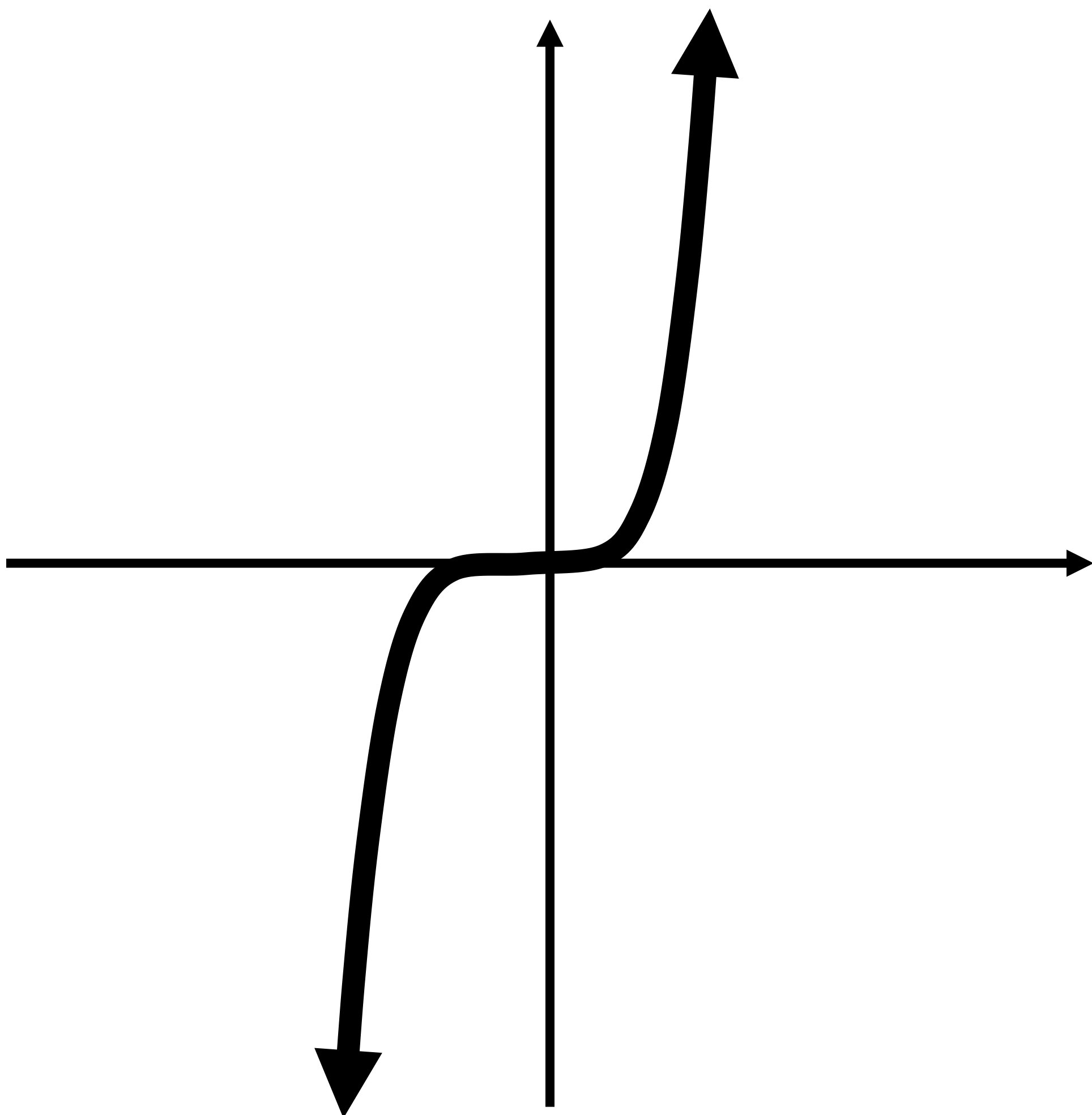
$$f(x) = x^3$$

QUARTIC



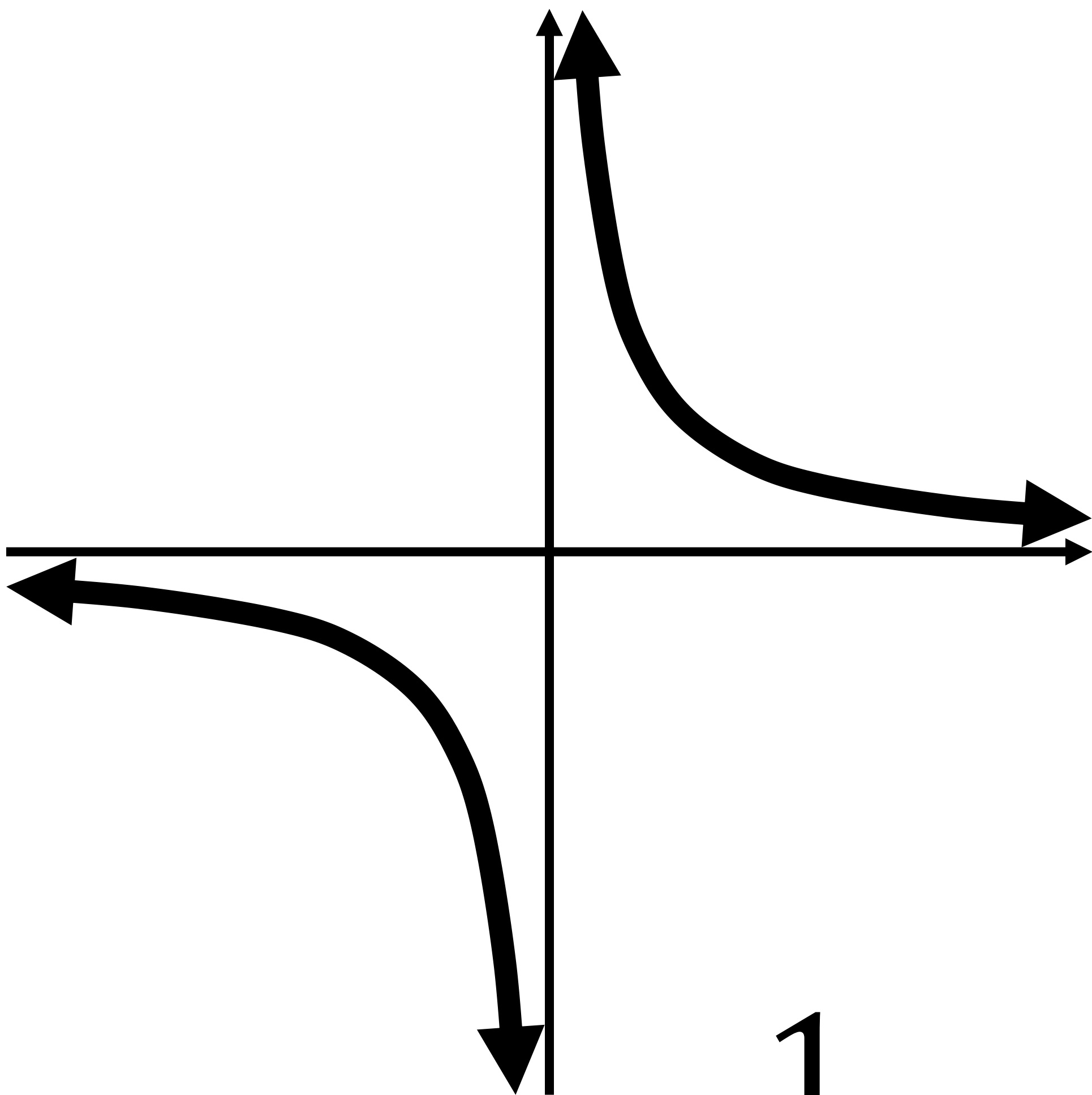
$$f(x) = x^4$$

QUINTIC



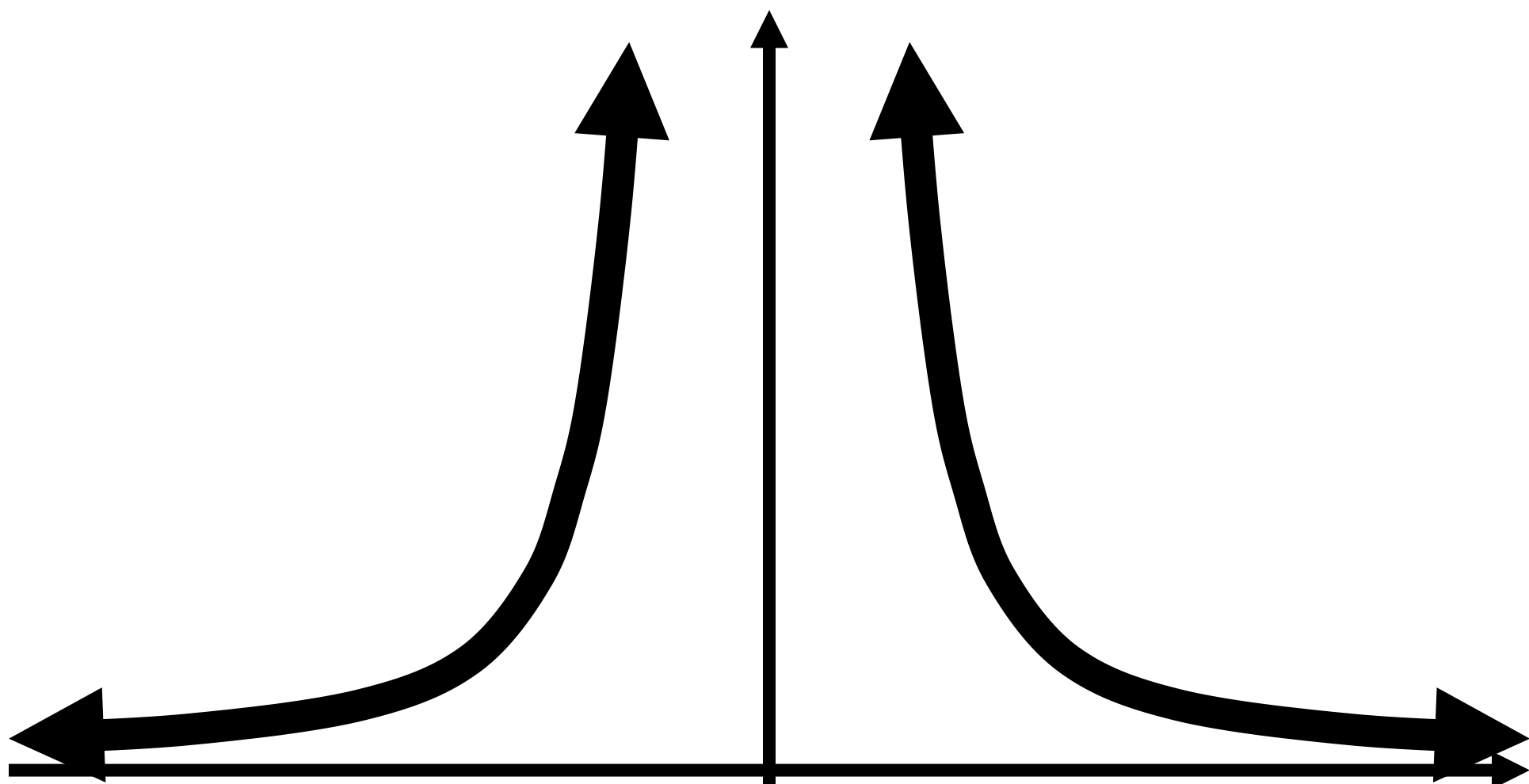
$$f(x) = x^5$$

RATIONAL (HYPERBOLA)



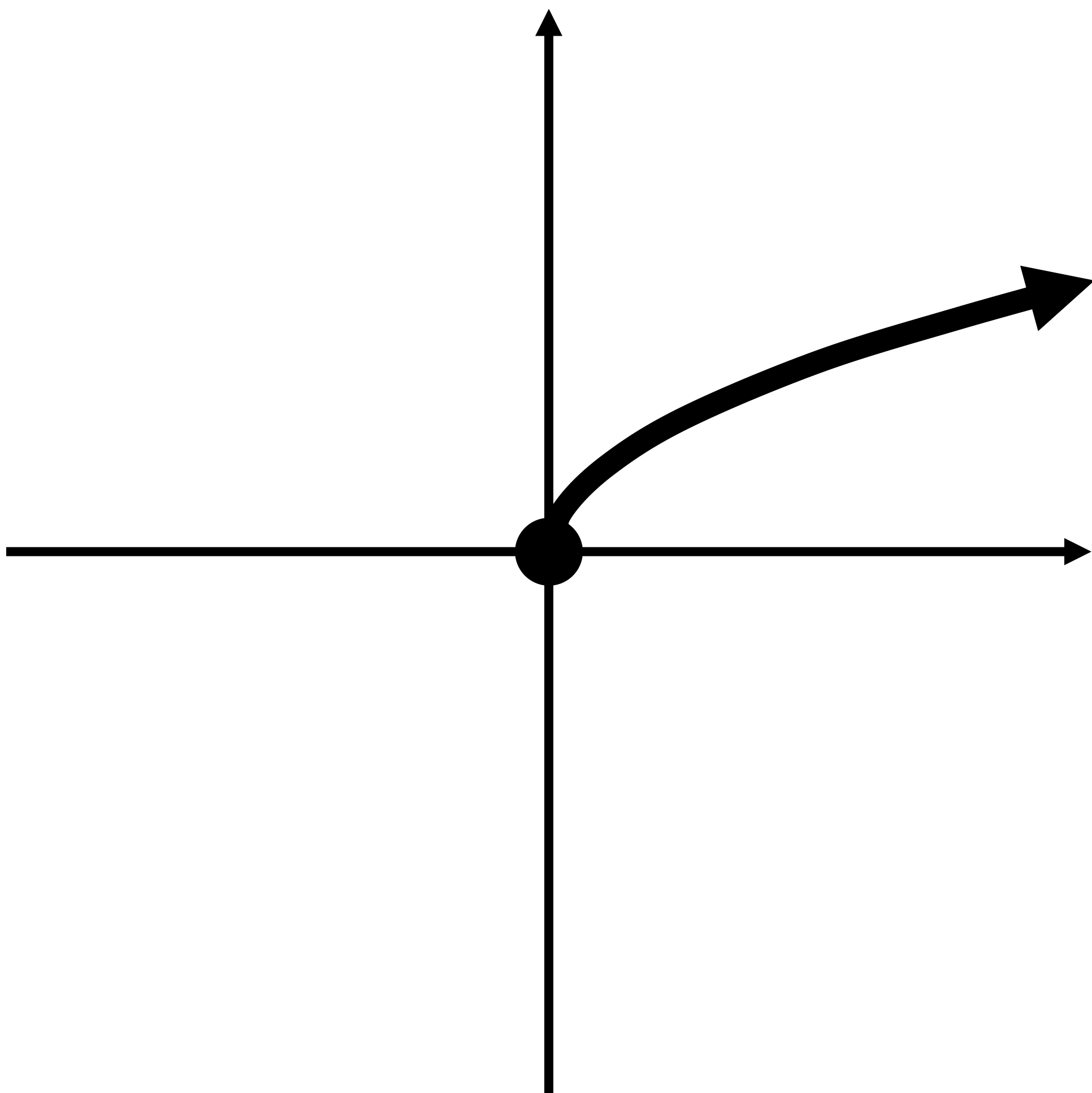
$$f(x) = \frac{1}{x}$$

RATIONAL (TRUNCUS)



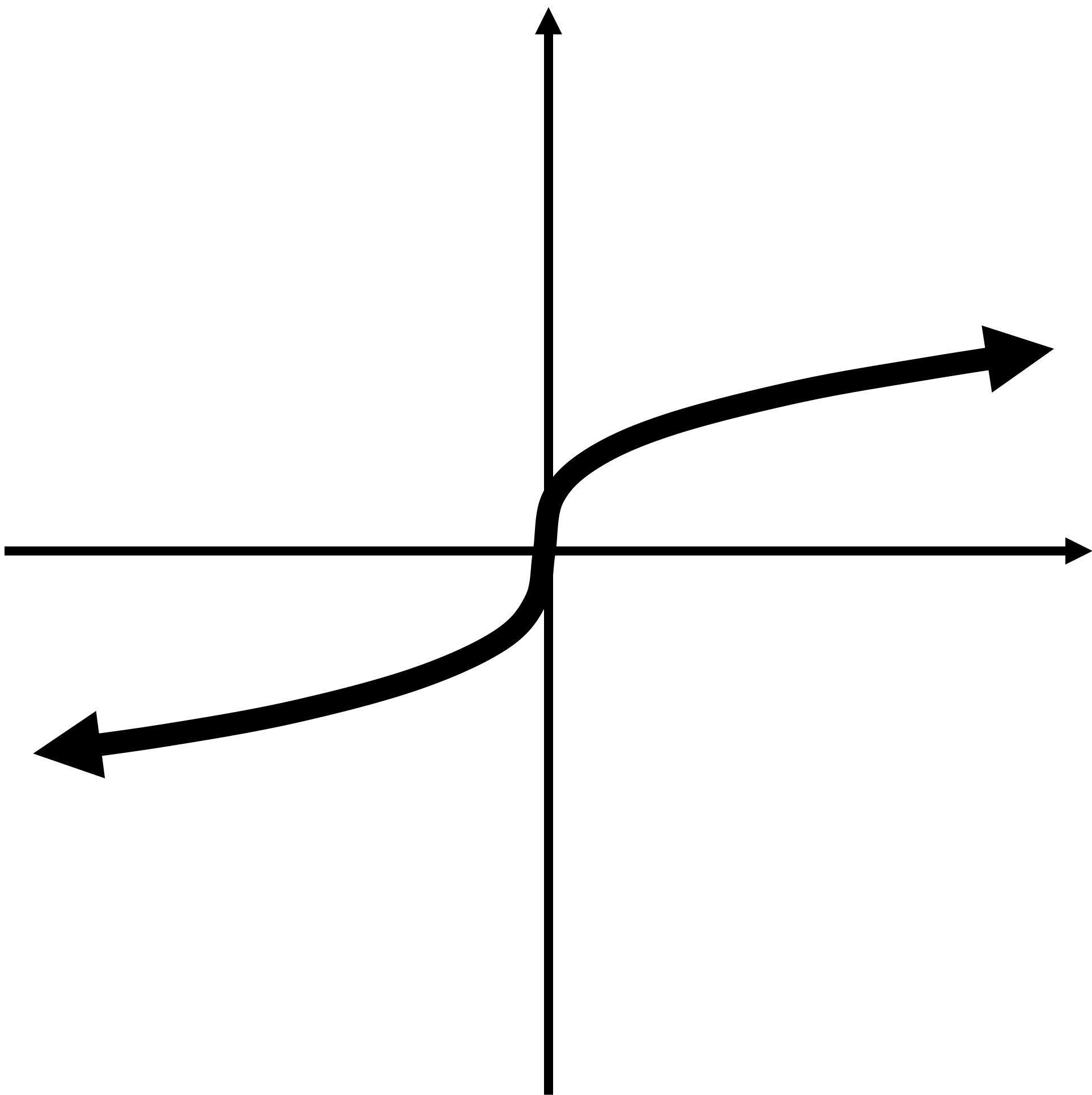
$$f(x) = \frac{1}{x^2}$$

SQUARE ROOT



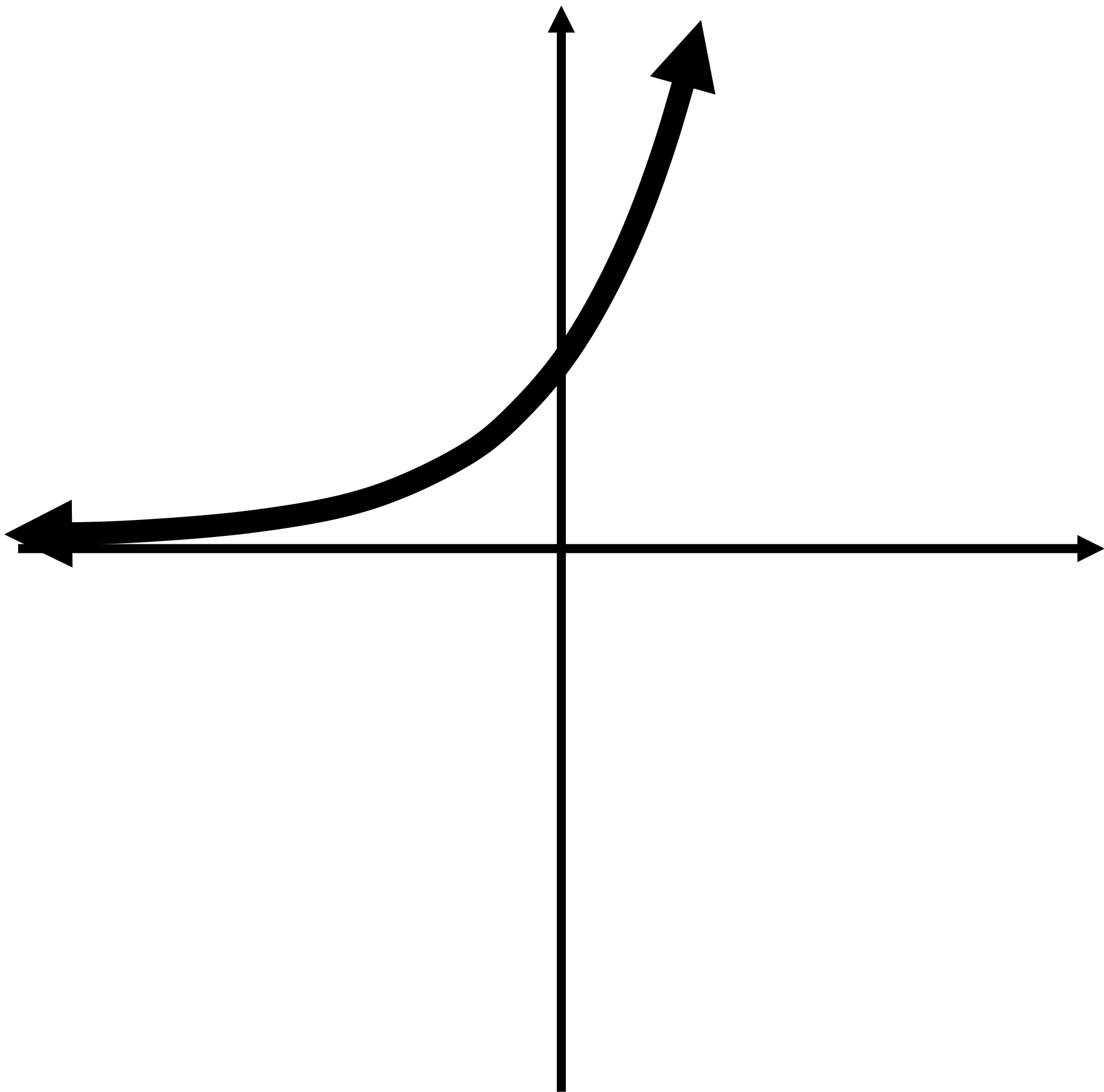
$$f(x) = \sqrt{x}$$

CUBE ROOT



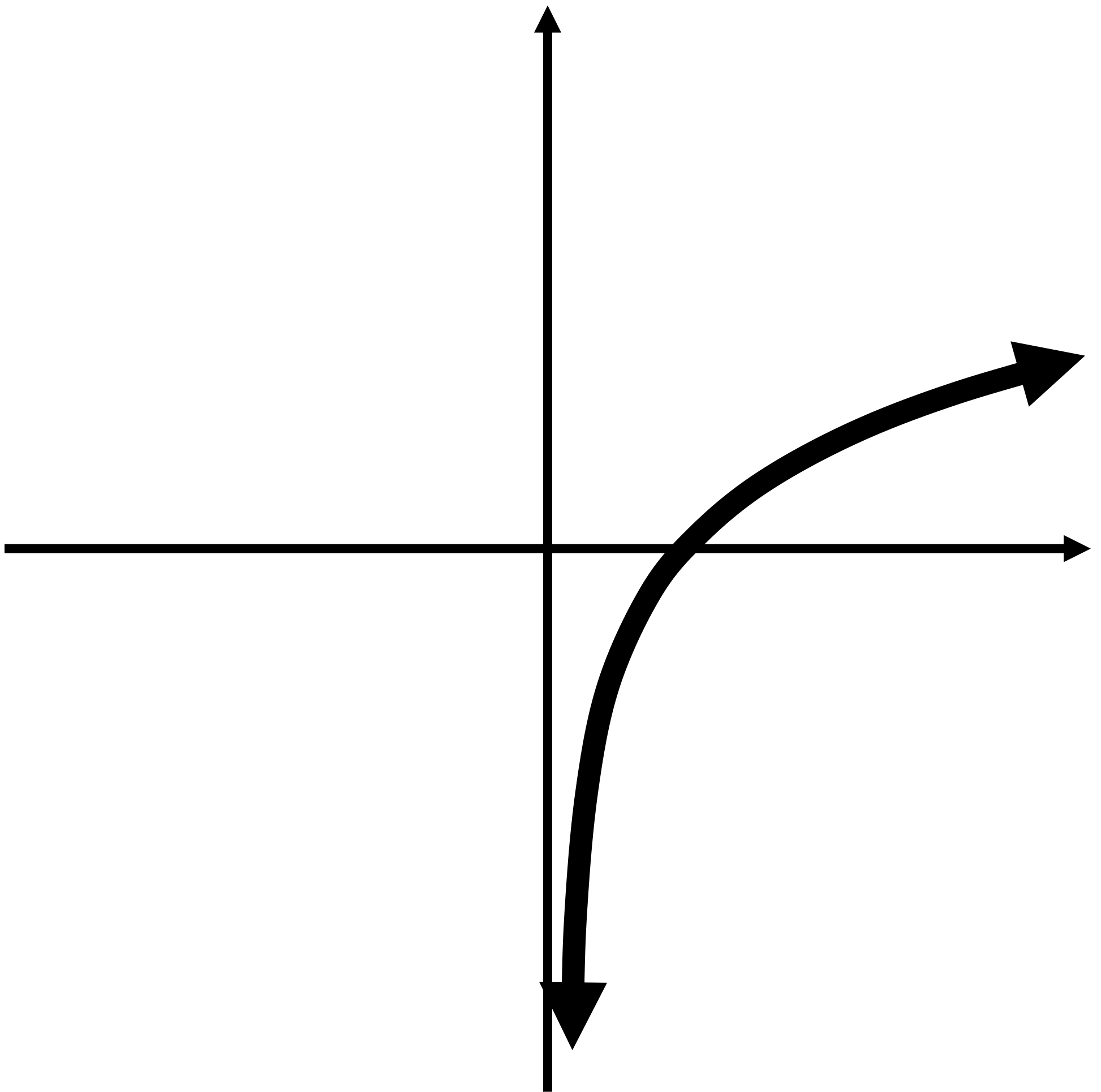
$$f(x) = \sqrt[3]{x}$$

EXPONENTIAL



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

LOGARITHMIC



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