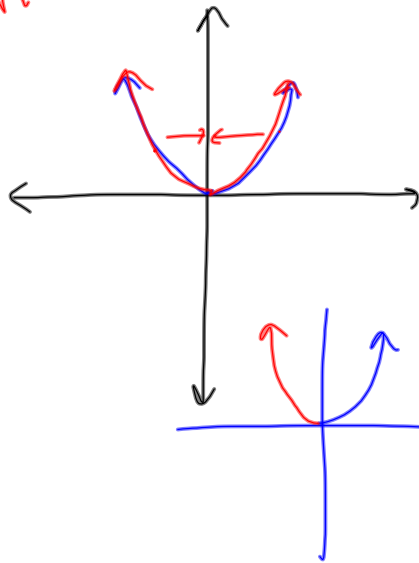


even

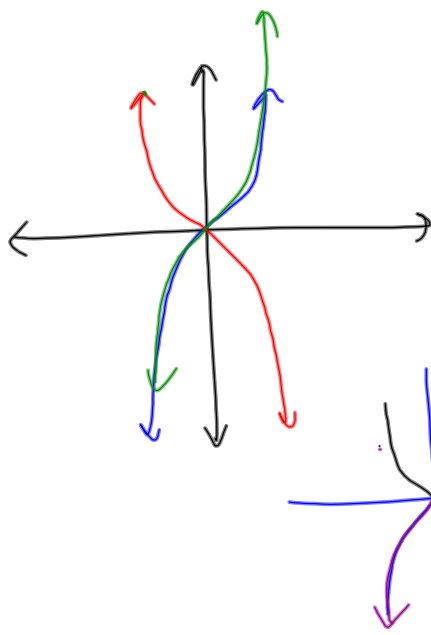


$$f(x) = x^2$$

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

$$= x^2$$

$$= f(x)$$



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

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

$$= -x^3$$

$$= -f(x)$$

$$f(x) = 3x^5 + 2x^2 + 7$$

$$f(-x) = 3(-x)^5 + 2(-x)^2 + 7$$

$$= -3x^5 + 2x^2 + 7$$

$$= -(3x^5 - 2x^2 - 7)$$