

Function Transformations

Given a function $f(x)$

- $f(x) + c$ moves $f(x)$ up by c units
- $f(x - c)$ moves $f(x)$ right by c units
- $c * f(x)$ stretches $f(x)$ vertically (parallel to the y axis)
- $f(\frac{x}{c})$ stretches $f(x)$ horizontally (Parallel to the x axis)
- $-f(x)$ mirrors $f(x)$ around the x axis