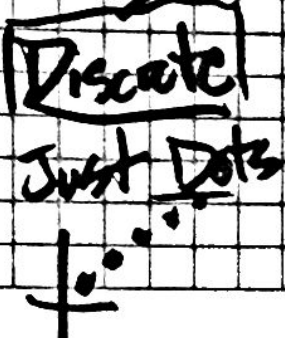


# Functions — Other

$f(x) = mx + b$   
**Linear**

Straight Line



Arithmetic Sequences

Domain: (inputs)  
 $\{x | x \in \mathbb{N}\}$

Domain: Real  
 $\{x | x \in \mathbb{R}\}$

Range: (outputs)  
 $\{y | y \in \mathbb{R}\}$

Constant Difference / Constant Rate of Change  
Slope

Add

**Exponential**

Curves

$f(x) = r^x(b)$



Domain  
 $\{x | x \in \mathbb{N}\}$

Domain  
 $\{x | x \in \mathbb{R}\}$

Range

Geometric Sequence

Constant Ratio

Percentage Rate of Change

Growth Factor

Multiply