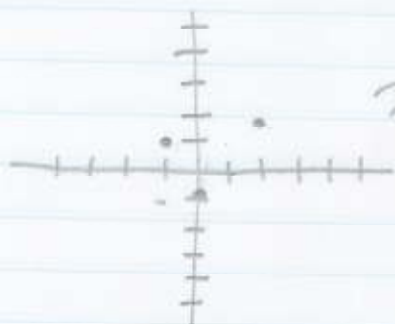


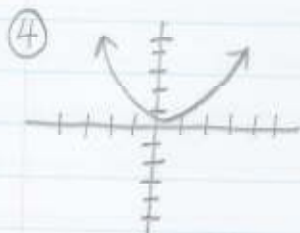
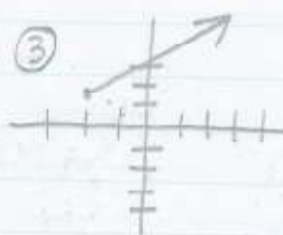
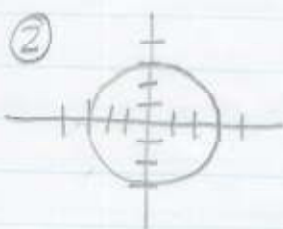
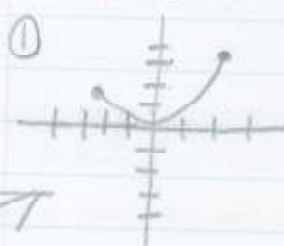
## DOMAIN + RANGE

list them  $\rightarrow$  dots (pts)



$$x \in \{-1, 0, 2\}$$
$$y \in \{-1, 1, 2\}$$

## Formal Notation For all Graphs/Equations



① Domain  $\{x : x \in \mathbb{R}, -3 \leq x \leq 2\}$   
Range  $\{y : y \in \mathbb{R}, 0 \leq y \leq 4\}$

such that  $\rightarrow$  # system  
element

$$\{y : y \in \mathbb{R}, 0 \leq y \leq 4\}$$

②  $\{x : x \in \mathbb{R}, -3 \leq x \leq 3\}$

$$\{y : y \in \mathbb{R}, -3 \leq y \leq 3\}$$

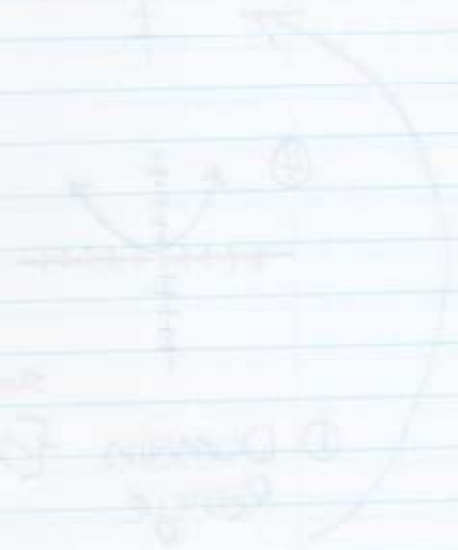
③  $\{x : x \in \mathbb{R}, x \geq -2\}$

$\{y : y \in \mathbb{R}, y \geq 2\}$

④  $\{x : x \in \mathbb{R}\}$

$\{y : y \in \mathbb{R}, y \geq 0\}$

Formal Notation für alle Graphen / Funktionen



Domain für  $x \in \mathbb{R}$   
Range

Typ:  $y = x^2$

Domain für  $x \in \mathbb{R}$

Range  $y \geq 0$