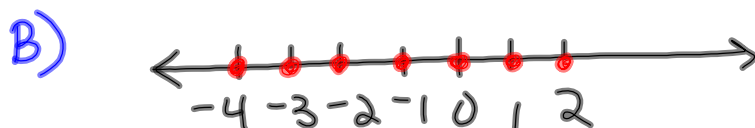


Worksheet 5.5

1A) $\{x \mid -4 \leq x \leq 2, x \in \mathbb{I}\}$

↑ only Integers

A) Domain is all integers from -4 to 2.

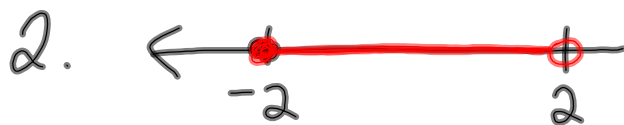


* Discrete data
Cannot connect the point because its only the integers

C) $x \in [-4, 2]$

Is not true!

Interval Notation itself means all values between, when $x \in \mathbb{R}$ would be okay, but NOT $x \in \mathbb{I}$.



Domain

A) words All values between -2 to 2, but not including 2.

B) Interval $x \in [-2, 2)$

C) Set Notation

$D: \{x \mid -2 \leq x < 2, x \in \mathbb{R}\}$

$$3. (-3, 4]$$

A) Words all values between -3 to 4, but not including -3.

B) Set $\{x \mid -3 < x \leq 4, x \in \mathbb{R}\}$

C) number line



$$4. \{x \mid -3 \leq x \leq 2, x \in \mathbb{R}\}$$

words All x-values from -3 to 2

Interval $x \in [-3, 2]$

number line

