## Some infinite sets

## Two sets $\boldsymbol{A}, \boldsymbol{B}$ have the same size (same cardinality) if and only if there is a bijection $\boldsymbol{f}: \boldsymbol{A} \rightarrow \boldsymbol{B}$

Let's compare the sizes of: $\mathbb{N}, \mathbb{Z},\{x: x$ is an even integer $\}$

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