Some other set expressions

$\{z \mid z \in R \wedge P\}$	Set comprehension: "the subset of R such that P"
$S \times T$ (ascii S**T)	cartesian product $S \times T = \{(x, y) \mid x \in S \wedge x \in T\}$
$card(S)$	cardinality: the number of set elements
$\mathbb{P}(S)$ (ascii POW(S))	power set: the set of all subsets of S
$\mathbb{P}1(S)$ (ascii POW1(S))	all non-empty subsets of S