Numbers

Set	Group	Ring	Field	Count/Complete
$\mathbb{N}$	-	-	-	countable
$\mathbb{Z}$	$(\mathbb{Z}, +)$	$(\mathbb{Z}, +, \cdot)$	No mult. operatarion except from 1,-1	countable
$\mathbb{Q}$	$(\mathbb{Q}, +)$	$(\mathbb{Q}, +, \cdot)$	$(\mathbb{Q}, +, \cdot)$	ordered field, countable, infinite, not complete
$\mathbb{R}$	$(\mathbb{R}, +)$	$(\mathbb{R}, +, \cdot)$	$(\mathbb{Q}, +, \cdot, \leq)$	not countable, complete, metric space $\lvert \cdot \rvert$
$\lvert\mathbb{C}$	$(\mathbb{C}^*, \cdot)$	$(\mathbb{C}, +, \cdot)$	$(\mathbb{C}, +, \cdot)$	complete $\lvert \cdot \rvert$

Note: $\mathbb{N}$, $\mathbb{Z}$, $\mathbb{Q}$ have the same cardinality.