	Regular Language	Deterministic-Context Free Language	Context Free Language	Context Sensitive Language/ Recursive Language	Recursively Enumerable Language
Halting Problem	D	D	D	D	SD
Membership Problem	D	D	D	D	SD
Emptiness Problem	D	D	D	NR	NR
Finiteness Problem	D	D	D	NR	NR
Totality Problem	D	D	NR	NR	NR
Equivalence Problem	D	D	NR	NR	NR
Disjoint Problem	D	NR	NR	NR	NR
Set-Containment Problem	D	NR	NR	NR	NR
	Regular Language	Deterministic-Context Free Language	Context Free Language	Context Sensitive Language/ Recursive Language	Recursively Enumerable Language
Halting Problem	Regular Language D	Deterministic-Context Free Language D	Context Free Language	Context Sensitive Language/ Recursive Language D	Recursively Enumerable Language SD
Halting Problem Membership Problem			5 5	5 5 5 5	, , ,
•	D	D	D	D	SD
Membership Problem	D D	D D	D D	D D	SD SD
Membership Problem Emptiness Problem	D D D	D D D	D D D	D D NR	SD SD NR
Membership Problem Emptiness Problem Finiteness Problem	D D D D	D D D D	D D D D	D D NR NR	SD SD NR NR
Membership Problem Emptiness Problem Finiteness Problem Totality Problem	D D D D D	D D D D	D D D NR	D D NR NR NR	SD SD NR NR NR