

Formulating Strings

Set of Strings of Length k

Set of Nonempty Strings

Set of Strings of All Possible Lengths

Regular Language Operations

$L = \{ab, bc, ca\}$
 $M = \{ba, cb\}$

1. *Union*

$L \cup M =$

2. *Concatenation*

$LM =$

3. *Kleene Closure* (or *Kleene Star*)

$L^* =$

Cardinalities?