







ę	S	Fur	ndamental REs	
	re	L(<i>re</i>)	Notes	
	а	{ a }	Singleton set, for each symbol a in the alphabet Σ	
	З	{ε}	Empty string	
	Ø	{ }	Empty language	
			basic building blocks that other sions are built from.	
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S	Examples
re	Meaning
+	single + character
!	single ! character
!=	2 character sequence "!="
xyzzy	5 character sequence "xyzzy"
(1 0)*	Zero or more binary digits
(1 0)(1 0)*	Binary constant (possible leading 0s)
0 1(1 0)*	Binary constant without extra leading 0s, i.e, 0 or starts with 1 (has lowest precedence)



	Exercise: these represent?
re	Meaning
[abc]+	
[abc]*	
[0-9]+	
[1-9][0-9]*	
[a-zA-Z][a-zA-Z0-9_]*	
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