S([a#a[a]])
A(a#a[a]])
APrime(#a[a]])
A(a[a]])
APrime([a]])
APrime([a]])
S([a]])
A(a]])
APrime( ]])
S( ]])
Yes

S((?,))
B(?,))
S(,))
S( )
Yes

S([a#a])
A(a#a])
APrime(#a])
A(a])
APrime( ])
APrime( ])
S( ])
Yes

S((,(,(b))))
B(,(,(b))))
Not syntatically correct

S([a(?[a#a#a(b)],)])
A(a(?[a#a#a(b)],)])
APrime((?[a#a#a(b)],)])
S((?[a#a#a(b)],)])
B(?[a#a#a(b)],)])
S([a#a#a(b)],)])
A(a#a#a(b)],)])
APrime(#a#a(b)],)])
A(a#a(b)],)])
APrime(#a(b)],)])
A(a(b)],)])
APrime((b)],)])
APrime((b)],)])
APrime((b)],)])
S((b)],)])
B(b)],)])

S( ],)])
S( ])
Yes

S([b])
A(b])
Not syntatically correct

S((.)(.))
B(.)(.))
S( )(.))
S((.))
B(.))
S( ))
S( )
Yes

S([a#a](.))
A(a#a](.))
APrime(#a](.))
A(a](.))
APrime( ](.))
APrime( ](.))
S( ](.))
Yes

S((.(?,))[a#a])
B(.(?,))[a#a])
S((?,))[a#a])
B(?,))[a#a])
S(,))[a#a])
S( ))[a#a])
S([a#a])
A(a#a])
APrime(#a])
A(a])
APrime( ])
APrime( ])
S( ])
Yes