test1

```
regexp
concat
term                      concat                                  term                         eoln
star          element     term          element     char         star          element        match
element       group       star          group       fail         element       group          char
group  char         match element              char              group         char            fail
       match              group               fail                             fail
                                char
                                fail
```

regex = a

test2

```
regexp
concat
term                      concat                                  concat                                  term                         element        char
star          element     term          element     char         term          element        char        star          element        group          fail
element       group       star          group       match         star          group          match       element       group          char
group  char         match element              char               element              char                group         char           fail
       match              group               match                group               fail                              fail
                                char                                      char
                                match                                     fail
```

```
eoln
match
```

regex = ab

test3

```
regexp
concat
term                      concat                                  term                         eoln
star          element     term          element     char         star          element        match
element       group       star          group       fail         element       group          char
group  char         match element              char               group         char           fail
       match              group               fail                              fail
                                char
                                fail
```

regex = a*

test4

```
regexp
concat
term
star
element
group
regexp
concat
term                         concat                                    term                        term                element
star              element    term                          element     star             element    eoln      star                group
element           group      star              char        group       star             group      fail      element
group    char     match      element           match                   element          char                 group       char
         match               group    char              char  group             char               group       match
                             fail              fail             fail               fail


         element
         group
         regexp
         concat
         term                         concat                                     term                        term             element
         star              element    term                          element      star             element    eoln    star             group
         element           group      star              char        group        star             group      fail    element
char     group    char     match      element           match                    element          char               group     char
match             match              group    char              char  group              char               group     match
                            fail              fail                fail               fail


                  concat                                term                  eoln
                  term                                  star                  match
                  star              element    char      element    element    char
                  element           group      fail      group      group      fail
                  group    char              char  group             char
element           match              fail              fail               fail
group    char
         match
```

regex = (a)

test5

```
regexp
concat
term                         concat                                    concat                                   concat
star              element    term                          element     term             element    term            element
element           group      star              char        group       star             group      star             group     char
group    char     match      element           match                   element          char       star            match
         match               group    char              char  group             char       element
                             match              match               match               group    char
                                                                                                  fail


term                         eoln
star              element    match
element           group      char
group    char              fail
         fail
```

regex - a\nb

```
regexp
concat
term
star
element
group
regexp
concat
term
star                                            concat                                      term                        eoln          term
element          element                        term                      element           star          element       fail          star                    element
group     char   group    char                  star             element   star     element  element       fail                        element      char        group
          match           match                  element  char    group    element  group    group  char                               group        match
                                                 group    fail              group    fail            fail

                 concat                          concat                      term                     element                           eoln
                 term                            term                        star            element   group     char                   match
                 star             element        star             element    element         group     char      fail
                 element  char    group    char  element  char     group     group   char    fail
                 group    match           match  group    fail               group   fail
                                                          char                        fail

          char
          match
```

regex = (a)*b