```
clear all
close all
syms prB prA A C k
eq1 = prB == ((A^C)/factorial(C))/symsum((A^k)/factorial(k),C);
Alsol = isolate(eq1, A);
Clsol = isolate(eq1, C);
pretty(Alsol);
pretty(Clsol);
eq2 = prA == (A^C)/(A^C + factorial(C)*(1-(A/C)*symsum((A^k)/
factorial(k),C)));
A2sol = isolate(eq2, A);
C2sol = isolate(eq2, C);
pretty(A2sol);
pretty(C2sol);
C
A C prB factorial(C)
-- == -----
    factorial(k)
k
Α
     C
                k
        A prB
-----=== ------
C factorial(C) factorial(k)
   ----- == -prA
         / k \
| A A | C
factorial(C) | ----- - 1 | - A
         \ factorial(k) /
              C
   ----- == -prA
        / k \
/ A A / C
factorial(C) | ----- - 1 | - A
          \ factorial(k) /
```

clc

