

probplot.m

```
1  clc;
2  clear;
3  close all;
4
5  syms k;
6
7  fig = figure;
8  N = 0:10;
9  guesses = zeros(1,11);
10 for i = 0:10
11     guesses(i+1) = symsum(26^k,k,1,10-i)/2;
12 end
13
14 semilogy(N, guesses);
15 title('Guesses for Letters Known');
16 grid on;
17
18 saveas(fig, './prob.png');
```