#include<iostream>

#include<cstring>

#include<algorithm>

#include<string>

#include<cstdio>

using namespace std;

bool subseqmatch(string str,string pattern){

int slen=str.size();

int plen=pattern.size();

int k=0;

for(int i=0;i<slen;i++)

if(str[i]==pattern[k])

k++;

if(k==plen)

return 1;

else

return 0;

}

string stringexp(string x,int y){

string res="";

int len=x.size();

for(int i=0;i<len;i++){

for(int j=0;j<y;j++)

res+=x[i];

}

return res;

}

int main(){

string x,y;

int t;

scanf("%d",&t);

while(t--){

cin>>x>>y;

int high=y.size()/x.size(),mid;

int low=0;

while(low<=high){

mid=low+(high-low)/2;

if(subseqmatch(y,stringexp(x,mid))){

low=mid+1;

}

else

high=mid-1;

}

cout<<high<<endl;

}

}