用+1或-1或\*2倍来从一个数到达另一个数：（BFS+剪枝）

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| #include<iostream>  #include<cstdio>  #include<queue>  #include<cstring>  using namespace std;  int visit[100005] = {0};  int main()  {  int n,m;  while(scanf("%d%d",&n,&m) != EOF)  {  memset(visit,0,sizeof(visit));  queue<int> q;  q.push(n);int t;  while(!q.empty())  {  t = q.front();  q.pop();  if(t == m)  {  break;  }  if(t > 0 && !visit[t-1])  {  int z;z = t-1; visit[z] = visit[t]+1;  q.push(z);  }  if(t < m &&!visit[t+1])  {  int z;z = t+1; visit[z] = visit[t]+1;  q.push(z);  }  if(t\*2 < 100005 && !visit[t\*2])  {  int z;z = t\*2; visit[z] = visit[t]+1;  q.push(z);  }  }  printf("%d\n",visit[m]);  }  return 0;  } |