1 Паскаль

| **Pascal** | |
| --- | --- |
| |  |  | | --- | --- | | 1  2  3  4  5  6  7  8  9  10  11  12  13 | **var**     v1,v2,a1,a2,s : **real**;  **begin**       writeln('vvedit v1,a1 dlua 1: ');       readln(v1,a1);       writeln('vvedit v2,a2 dlua 2: ');       readln(v2,a2);       writeln('vvedit rastoyanie');       readln(s);        writeln((-(v1+v2)+sqrt((v1+v2)\*(v1+v2)+2\*(a1+a2)\*s))/(a1+a2):8:4);       readln;  **end**. | |  |

2

uses crt;  
var  
x,y : integer;  
a,b,c,d,s,t,u : real;  
begin  
clrscr;  
Write('введите a,b,c,d,s,t,u');  
Readln(a,b,c,d,s,t,u);  
x:=-1;  
y:=2;  
if (s=0) and (t=0) then exit else  
if (s\*a+t\*b+u<>0) and (s\*c+t\*d+u<>0) then  
if ((a>x) and (b>y) and (c<x) and (d<y))  
or ((ay))  
then Writeln('Лежат на разных полуплоскостях')  
else Writeln('Не лежат на разных полуплоскостях')  
else exit;  
readln;  
end.

3

| **Pascal** | |
| --- | --- |
| |  |  | | --- | --- | | 1  2  3  4  5  6 | **For** i:=1 **to** n **do**  **Begin**    x:=sin(x);    s:=s+x;  **End**;  writeln('S = ',s:0:2); | |  |