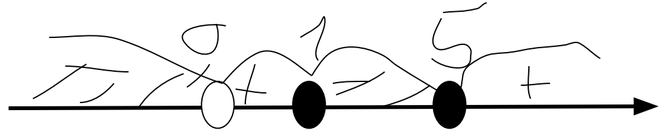
V2*sin(PVx*V(5/x - x + 6)) + V6*cos(P *x*V(5/x^2 + 6/x - 1))=V8
V2*sin(PV(x(5/x - x + 6))) + V6*cos(P *V(x^2(5/x^2 + 6/x - 1)))=V8
V2*sin(PV(5 - x^2 + 6x)) + V6*cos(PV(5 + 6x - x^2))=V8
PV(5 - x^2 + 6x)=t
V2sint+V6cost=V8
V2sint+V6cost=V8[sint*V2/V8+cost*V6/V8]=V8[sint*cosP/3+cost*sinP/3]=V8*sin(t+P/3)
cosg=1/2
sing=V3/2
g=P/3
V8sin(t+P/3)=V8
sin(t+P/3)=1
t+P/3=P/2+2Pk
t=P/2-P/3+2Pk
t=P/6+2Pk
PV(5 - x^2 + 6x)=P/6+2Pk
V(5-x^2+6x)=⅙+2k
⅙+2k>=0
2k>=-⅙
k>=-1/12
k>=0
6V(5-x^2+6x)=1+12k
36*(5-x^2+6x)=(1+12k)^2
5-x^2+6x=(1+12k)^2/36
x^2-6x-5+(1+12k)^2/36=0
x^2-6x+[-180+1+24k+144k^2]/36=0
x^2-6x+[-179+24k+144k^2]/36=0
D/4=9-[-179+24k+144k^2]/36=[324+179-24k-144k^2]/36=[503-24k-144k^2]/36
[503-24k-144k^2]/36>=0
503-24k-144k^2>=0
144k^2+24k-503<=0
k=0 k=1

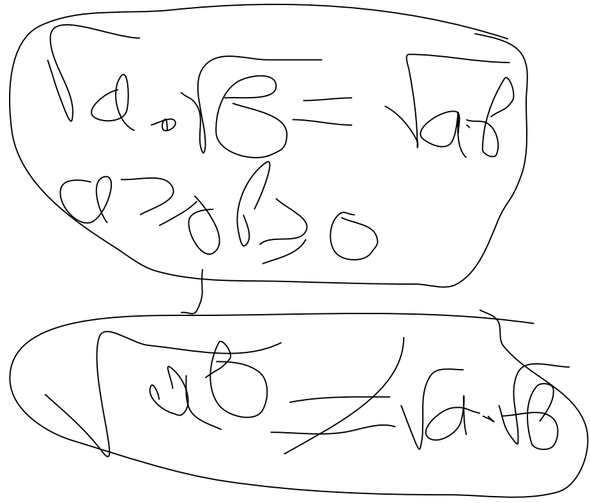
ОДЗ
5/x-x+6>=0
5/x^2+6/x-1>=0
x>=0

1 case
k=0
D/4=503/36
x=3+-V(503/36)
2 case
D/4=335/36
x=3+-V(335/36)

5/x-x+6>=0
(5-x^2+6x)/x>=0⇔|x(5-x^2+6x)>=0
|x!=0

(x^2-6x+5)/x<=0
(x-1)(x-5)/x<=0
X э (-oo;0) U [1;5]





V(335/36)>3
(335/36)~9
335~9*36

Ответ: