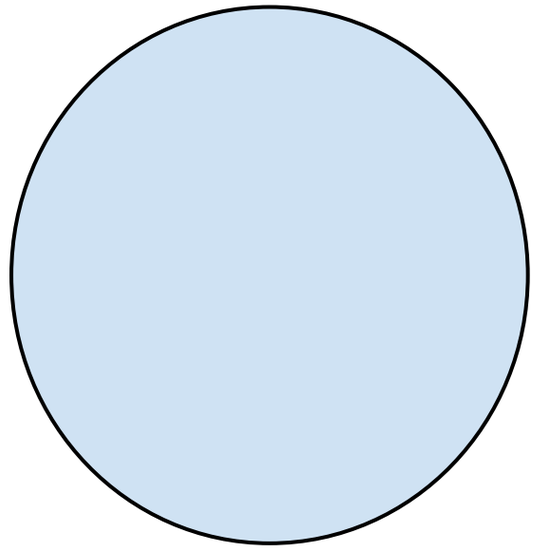
tg^2 (3x-P/4)=3
tg(3x-P/4)=+-V3

tgx=-7
x=arctg(-7)+Pk
x=-arctg7+Pk



tg(3x-P/4)=V3
3x-P/4=P/3+Pk
x=(P/3+Pk+P/4)/3

tg(3x-P/4)=-V3
3x-P/4=2P/3+Pk
x=(2P/3+Pk+P/4)/3
Ответ:(P/3+Pk+P/4)/3; (2P/3+Pk+P/4)/3

tg^2 (3x-P/4)=3
tg^2 (3x-P/4)=sin^2 (3x-P/4)/cos^2 (3x-P/4)
sin^2 (3x-P/4)/cos^2 (3x-P/4)=3
sin^2 (3x-P/4)=(1-cos(6x-P/2))/2
cos^2 (3x-P/4)=(cos(6x-P/2)+1)/2
(1-cos(6x-P/2))/(1+cos(6x-P/2))=3
cos(6x-P/2)=y
(1-y)/(1+y)=3
1-y=3+3y
y!=-1

4y=-2
y=-½
cos(6x-P/2)=-½
6x-P/2=+-2P/3+2Pk
x=(+-2P/3+2Pk+P/2)/6
cos(6x-P/2)!=-1
6x-P/2!=P+2Pk
x!=(P+2Pk+P/2)/6
Ответ:(+-2P/3+2Pk+P/2)/6