sinx + cos5x=2

sinx + cos(2x+3x)=2

sinx+sin2x*cos3x+sin3x*cos2x=2

sinx=1

cos5x=1

x1=P/2+2PK

5x2=2PN

x2=2PN/5

2PN/5=P/2+2PK

2N/5=½+2K

4N=5+20K

4N-20K=5

НОД = 4

Решений, т.к 5 не / на 4

-1<=sinx<=1

-1<=cos5x<=1