MATHS CLASSWORK II PERIOD

**The 24th of March 2018 III INA**

1. Solve the equations



cos(4x-60°)=cos(45°-x) cos(x-π/2)= sin(2x+π/3)

$$\left(sinx-cosx\right)^{2}+\left(sinx+2cosx\right)^{2}=2$$