

## Unit 5 WS 2

Solve the equation graphically.

1)  $4 \sin(2x) - 3\cos(2x) = 2$

2)  $5 \sin(3x) + 6 \cos(3x) = 1$

3)  $\sin^2(2x) - 3 \cos(2x) + 2 = 0$

4)  $2\cos^2(x) + \sin(x) + 1 = 0$

5)  $\cos^3(x) - 3 \cos(x) + 1 = 0$

6)  $\cos^4(x) - 3 \cos^3(x) + \cos(x) = 1$