Higher Maths
# Maths.scot

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(a) Solve the equation $\sin 2x° + 6\cos x° = 0$ for $0 \leq x < 360$. **4**

(b) Hence solve $\sin 4x° + 6\cos 2x° = 0$ for $0 \leq x < 360$. **1**

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Answers:

(a) $x = 90, 270$

(b) $x = 45, 135, 225, 315$