

**National 5 Maths**  
**SQA 2014 Paper 2**  
**Question 12**

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Solve the equation  $11\cos x^\circ - 2 = 3$ , for  $0 \leq x \leq 360$ .

**3**

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Answer:

$$x = 63.0^\circ \text{ or } x = 297.0^\circ$$