

**National 5 Maths**  
**SQA 2019 Paper 2**  
**Question 14**

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Solve the equation  $5 \cos x^\circ + 2 = 1$ ,  $0 \leq x < 360$ .

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Answer:

$$x = 101.5^\circ \text{ or } x = 258.5^\circ$$