

**National 5 Maths**  
**SQA 2024 Paper 2**  
**Question 11**

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Solve the equation  $17 \sin x^\circ + 1 = 9$ , for  $0 \leq x < 360$ .

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Answer:

$$x = 28.1^\circ \text{ or } x = 151.9^\circ$$