

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

An ant colony occupies an area of 250 hectares.  
There is an average of  $1.22 \times 10^6$  ants per hectare.  
Calculate the number of ants in the colony.  
Give your answer in scientific notation.

**2**

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Answer:

$3.05 \times 10^8$