

National 5 Maths
SQA 2025 Paper 2
Question 3

The mass of one atom of gold is 3.27×10^{-22} grams.

The mass of one atom of carbon is 6.1% of the mass of an atom of gold.

Calculate the mass of one atom of carbon.

Give your answer in scientific notation.

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Answer:

1.99×10^{-23} grams