Question 24 (4 marks)

A population, P, is to be modelled using the function $P = 2000(1.2)^t$, where t is the time in years.

(a) What is the initial population? **1**

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(b) Find the population after 5 years. **1**

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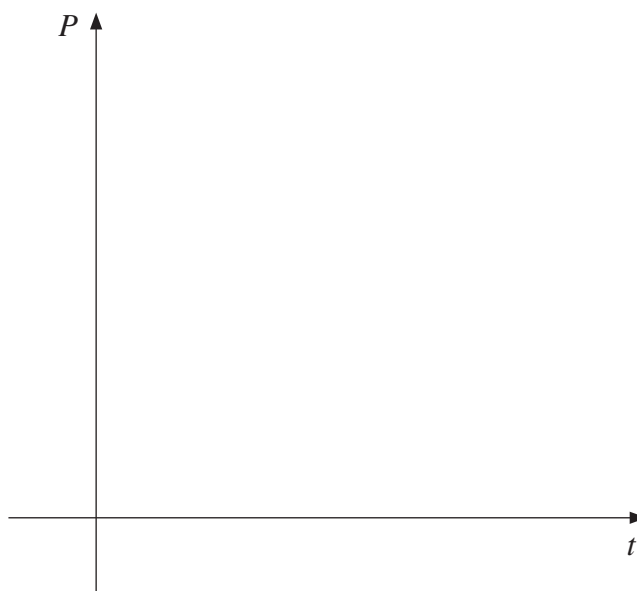...

(c) On the axes below, draw the graph of the population against time, showing the points at $t = 0$ and at $t = 5$. **2**

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