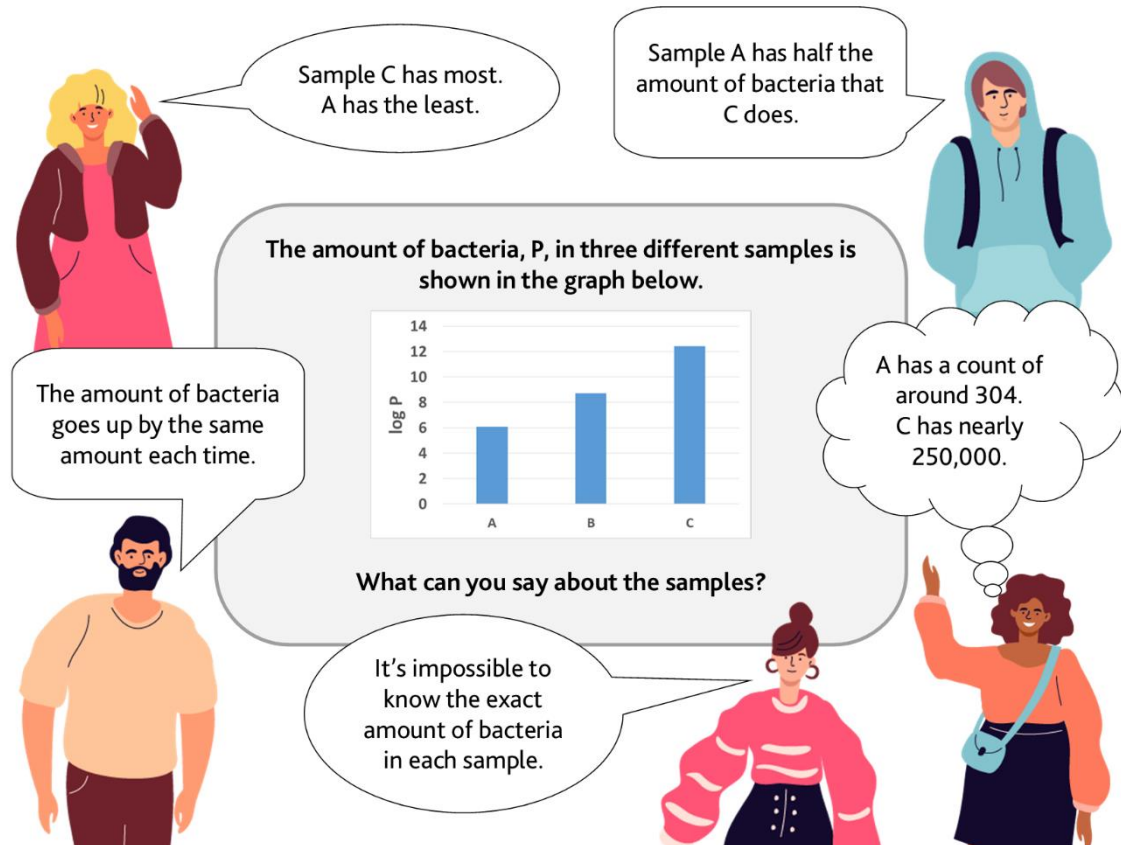


CPD taster – Maths for A level biology

Concept Cartoon



A cartoon of a bar graph and 5 student responses.

The amount of bacteria, P , in three different samples is plotted on a graph with a y-axis of $\log P$:

- The bar for sample A is 6 units tall on the y-axis.
- The bar for sample B is just over 8 units tall on the y-axis.
- The bar for sample C is just over 12 units tall on the y-axis.

The students are asked “What can you say about the samples?”. They have the following responses:

- Sample C has most. A has the least.
- Sample A has half the amount of bacteria that C does.
- A has a count of around 304. C has nearly 250,000.
- It's impossible to know the exact amount of bacteria in each sample.
- The amount of bacteria goes up by the same amount each time.