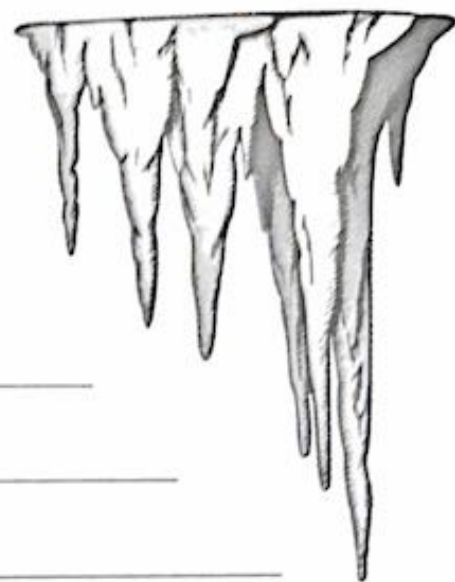**2** Miru visited a cave where a stalactite is growing at an average rate of 0.02 mm per month. She calculated that, to the nearest year, it would take 4167 years for it grow a metre. Explain how she could have reached this conclusion.

_____

_____

_____

3 Sarah celebrated Matariki by baking some cookies.
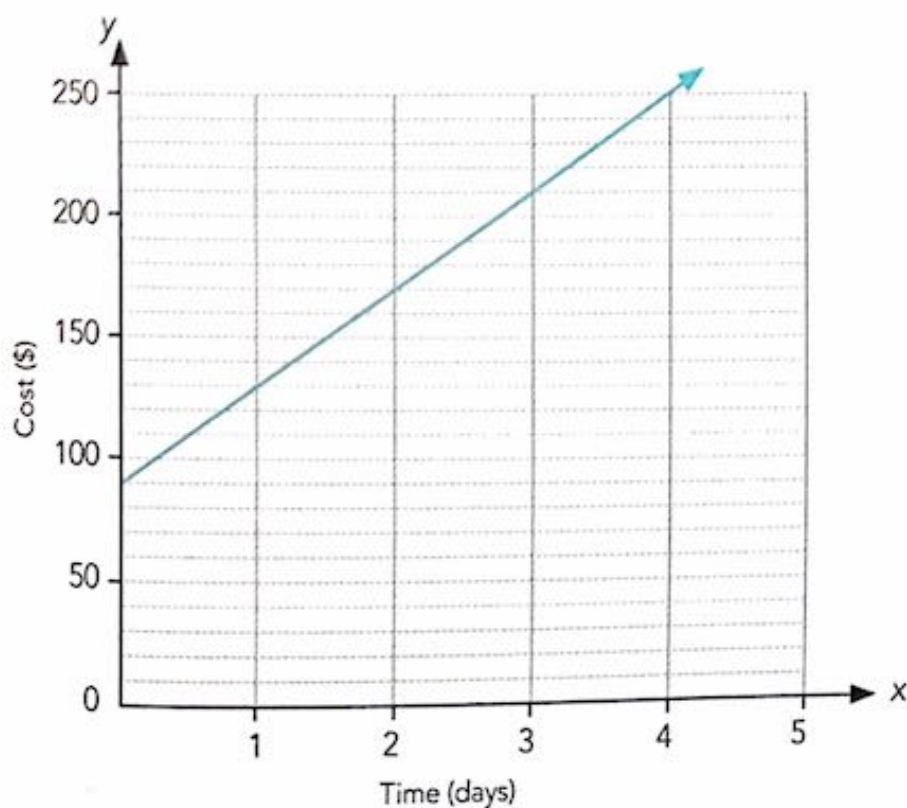These quantities of ingredients will make 30 cookies:

225 g butter
225 g caster sugar
1 egg
450 g flour
1 tsp baking powder
2 tsp vanilla essence

How much butter will she need to make 72 cookies?   _____ g

4 It takes a cruise ship four and a half days to cover the 2160 km from Auckland to Fiji. Explain how you could calculate the cruise ship's average speed in kilometres per hour.

_____

_____

_____

5 The graph shows the cost of hiring a small digger for up to five days.

Complete the following statement:

The cost of hiring the digger is $_____

plus $_____ for each day.