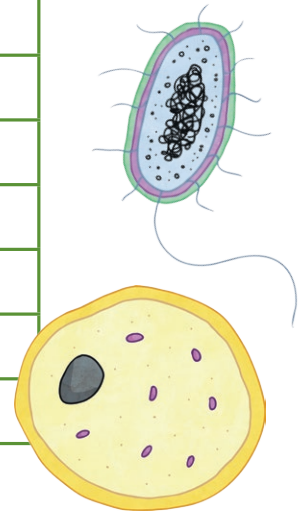


Bacterial Growth

Alice cut her hand whilst trying to cut some wood. The wound had become infected with some bacteria. The bacteria double every 20 minutes.

Complete the table to show how many bacteria there would be after 3 hours.

Time in Minutes (independent variable)	Number of Bacteria (dependent variable)
0	1
20	
40	
60	
80	
100	
120	
140	
160	
180	



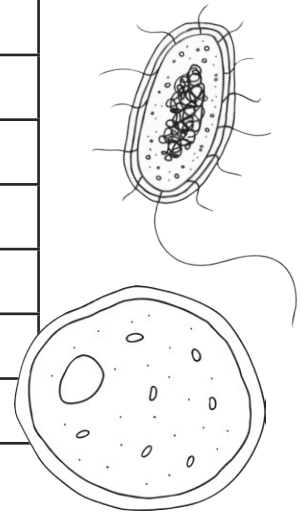
Use your results to draw a graph showing the growth of bacteria.

Bacterial Growth Answers

Alice cut her hand whilst trying to cut some wood. The wound had become infected with some bacteria. The bacteria double every 20 minutes.

Complete the table to show how many bacteria there would be after 3 hours.

Time in Minutes (independent variable)	Number of Bacteria (dependent variable)
0	1
20	2
40	4
60	8
80	16
100	32
120	64
140	128
160	256
180	512



Use your results to draw a graph showing the growth of bacteria.