

SECTION B (20 marks)

EITHER

1. Moishe investigated the speed of a chemical reaction of zinc metal with sulphuric acid to produce a salt. He did this by counting the number of bubbles of gas given off every half-minute. His results are shown in the table.

Time (min)	Total number of bubbles
0	0
0.5	69
1.0	105
1.5	123
2.0	136
2.5	146
3.0	154
3.5	160
4.0	164
4.5	166
5.0	167
5.5	168
6.0	168

- (a) Plot a graph of the total number of bubbles (y-axis) against time (x-axis). [4]

