

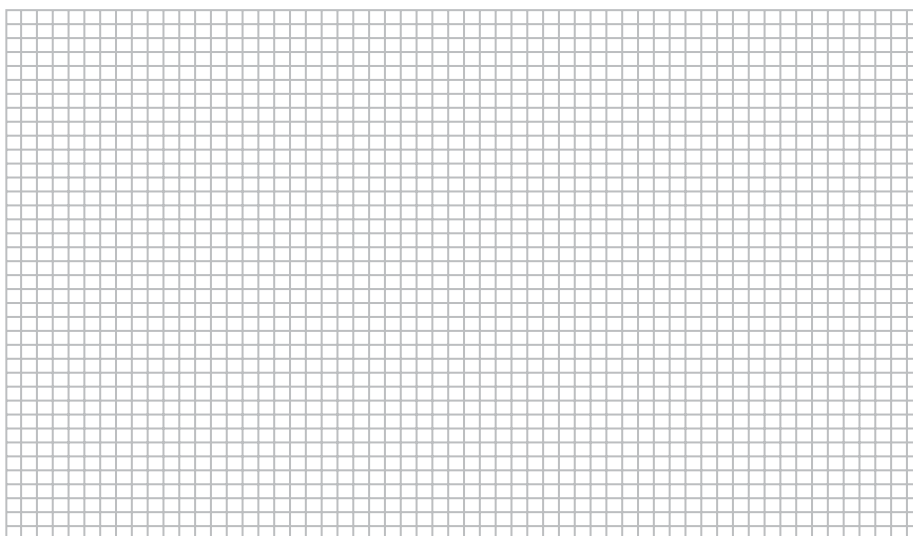
- (b) Fire fighters will enter a room full of smoke by crawling. [3]

9. The table below shows the percentage of corrosion of similar steel bars when placed in solutions of different pH values.

pH of solution	1	2	3	4	5	6	7
% corrosion of steel bars	70	65	60	55	20	15	10

- (a) What conditions favour corrosion of steel bars? [2]

- (b) Plot a graph of % corrosion (y-axis) against pH of solution (x-axis). [4]



- (c) How could the pH of a solution with a pH of 4 be raised to make it less corrosive? [2]
