

THEORY

The theory of the present experiment is based on the fact that the rate of reaction between a metal and an acid is directly proportional to the surface area of the metal. In other words, the rate of reaction is directly proportional to the diameter of the metal strip used.

Sl. No.	Time taken for reaction to complete (sec)	Diameter of metal strip (cm)
1		
2		
3		
4		
5		

Graph of $\log t$ vs $\log d$

EXPERIMENT



Sl. No.	Time taken for reaction to complete (sec)	Diameter of metal strip (cm)
1		
2		
3		
4		
5		