Collicion theory - the min energy of collision required for 2 malecules to react is called the activation energy

$$-\frac{1}{a} \cdot \frac{d(A)}{dt} = -\frac{1}{b} \cdot \frac{d(B)}{dt} = \frac{1}{b} \cdot \frac{d(B)}{dt} = \frac{1}{a} \cdot \frac{d(B)}{dt}$$

Applications:

1 = 23 T=250°C

PQ3 0.05 H

Cl2 0.015 M

closed+ Pas(g)= Pas(g)

(0'02-1)(0'012-1) = 88 = 1 = 0'08

[013] = 0,015 - 0,003 = 0,007 M/L