

wavefunction, Ψ , changes from
one place to another

$$-\frac{\hbar^2}{2m} \nabla^2 \Psi + V\Psi = i\hbar \frac{\partial \Psi}{\partial t}$$

The mass of the particle
being described

Describes the forces
acting on the particle

Describes how Ψ
changes its shape
with time