

$$v = u + at$$

v = halaju akhir / *final velocity*
 u = halaju awal / *initial velocity*
 a = pecutan / *acceleration*
 t = masa / *time*

$$s = \frac{1}{2}(u + v)t$$

s = sesaran / *displacement*
 u = halaju awal / *initial velocity*
 v = halaju akhir / *final velocity*
 t = masa / *time*

Persamaan Kinematik *Kinematic Equations*

$$v^2 = u^2 + 2as$$

v = halaju akhir / *final velocity*
 u = halaju awal / *initial velocity*
 a = pecutan / *acceleration*
 s = sesaran / *displacement*

$$s = ut + \frac{1}{2}at^2$$

s = sesaran / *displacement*
 u = halaju awal / *initial velocity*
 t = masa / *time*
 a = pecutan / *acceleration*

NOTES

Persamaan kinematik hanya boleh digunakan bagi gerakan linear yang mempunyai pecutan seragam
Kinematic equations can only be used for linear motion with uniform acceleration