





$$\frac{d\lambda}{dt} = \frac{1}{2} \left(\sum x \sqrt{dt} \right)$$

$$= \frac{1}{2} \approx x \vec{V} = \frac{1}{2} (\vec{y} \times \vec{p})$$

$$= \frac{1}{2} = 6nstant$$

T22x3

8- Semi-major axis

Energy of satellite

Energy required to haise the satellite to height 'h?

Energy sequired to lounch a satellite of mars in from surface of earth of Mass M's radius R at an altitude h

Gravitational potential

$$h_p = -\frac{GM}{R}$$
 on the surface of $V = -\frac{GM}{(R+h)}$ at height he scalar quantity

N-> Scalar quantity
M-> should be point Mass