Height of Satellite.

As we know, time period of satellite
$$T=2\pi\,\sqrt{\frac{r^3}{GM}}=2\pi\,\,\sqrt{\frac{(R+h)^3}{gR^2}}$$

$$\frac{g\,R^2T^2}{4\pi^2} = \left(R + h\right)^3$$

By squaring and rearranging both sides

$$h = \left(\frac{T^2 g R^2}{4\pi^2}\right)^{1/3} - R$$

By knowing the value of time period we can calculate the height of satellite the surface of the earth.