**Noteguide for Kepler's Laws: (Videos 5G) Name**

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**Johannes Kepler 1571 - 1630**

**Tycho Brahe 1546 - 1601**







Example 1: What is the radius of a geostationary orbit (T = 1 day)

if for the moon T = 27.4 days, R = 3.8 x 108 m

Example 2: Mars is 1.524 AUs from the sun. If our year is 365.26 days long, how many earth days is Mars's year?