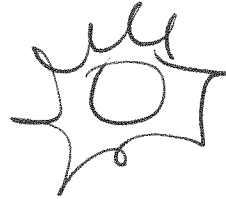
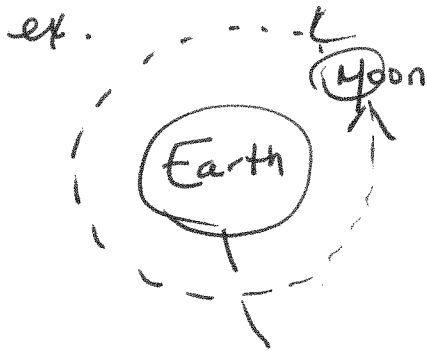


Orbits (8.11)

orbit \Rightarrow is a circular path around a larger object.



∴ Moon orbits Earth
Earth orbits Sun.

How does a satellite maintain a circular path?

↔ needs speed
↔ needs inward force (gravity)

- too much speed though + satellite flies into space!
- too little speed ∴ satellite is pulled to earth by gravity (∴ crashes!)

