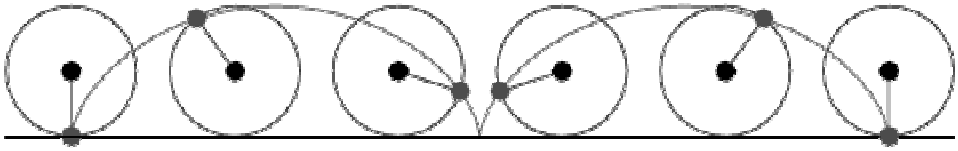
Figures for problem 2

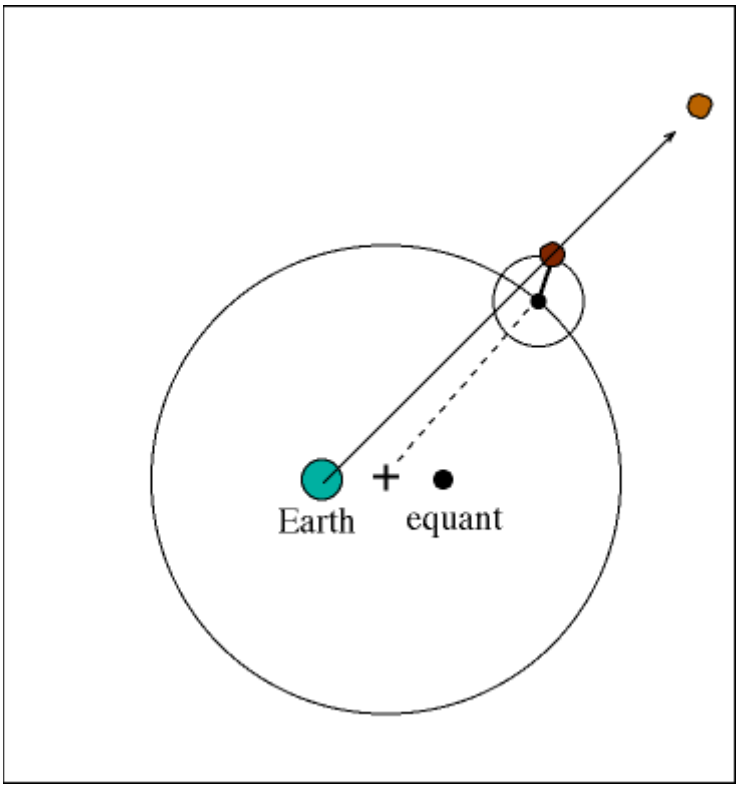
(Examination 1)

Cycloid



source: http://mathworld.wolfram.com/Cycloid.html

Epicycle



source: http://www.astronomynotes.com/history/epicycle.htm