

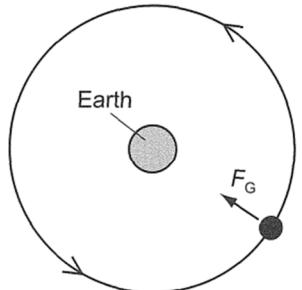
14 A satellite is orbiting the Earth.

The gravitational force on the satellite is F_G . The centripetal force required to maintain the satellite in orbit is F_C .

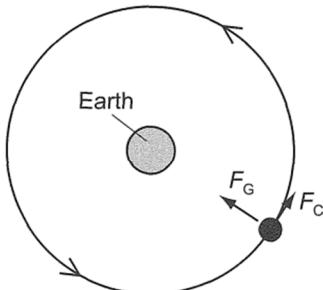
Which diagram shows the force, or forces, acting on the orbiting satellite?

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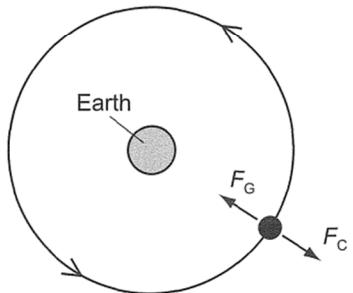
A



B



C



D

