

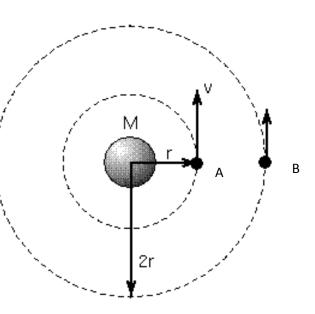
Does the mass of the satellite affect the gravitational force holding it in orbit? If yes, why does it not change the nature of the orbit?

How does knowing the period and orbital radius of the Moon enable us to determine the mass of the Earth?

3. How do the speeds of the satellites compare? Be specific!

Common AP-1 problems like to compare two or more satellites in orbit around a

The two satellites shown below have the same mass. The lower orbiting satellite has



1. How does the gravitational force between satellite A and the planet compare with that of satellite B – be specific!

2. Which satellite has the higher speed and why?