

September 15, 2023
MSE 2101 topics

- Examples:
 - What is the orbital period of Jupiter if it orbits at 5.2au?
 - What is the distance to Pluto if it orbits the Sun in 250 years?
 - What would Earth's orbital period be if the Sun were twice as massive?
 - What is the gravitational acceleration on Earth's surface? The mass of Earth is 6×10^{24} kg, and its radius is 6400 km. Express your answer in m/s^2 .