

Revolution of Jupiter's Moons

Turn in one copy of this lab with each group member's printed name and signature. By signing, you certify that you have actively participated in the exercise and have put forth effort in equal share to your fellow group members.

Printed Name

Signature

Note: In order of distance from Jupiter, the moons are: Io (closest), Europa, Ganymede and Callisto (farthest)

Table 1: Data

Moon	a (JD)	P (hours)
Io		
Europa		
Ganymede		
Callisto		

Table 2: Conversions

Moon	a (A.U.)	P (years)
Io		
Europa		
Ganymede		
Callisto		

Table 3: Calculating Jupiter's Mass

Moon	Mass of Jupiter (solar masses)
Io	
Europa	
Ganymede	
Callisto	
Average	

