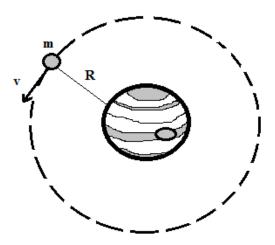
Satellite Centripetal Force Ranking Task

The planet Jupiter has 63 moons in orbit. Six of those moons have masses similar enough to be considered equal. The orbits of those moons are all nearly circular. The speed of each moon, v, as well as the distance between Jupiter and each of those moons, R, are listed below.



Moon	R	v		
A	700 km	100 km/s		
В	700 km	200 km/s		
C	1,400 km	200 km/s		
D	2,800 km	150 km/s		
E	350 km	400 km/s		
F	1,200 km	100 km/s		

Rank the net force act	ing on eac	ch moon fr	om greates	st to least:		
Greatest 1.	2	3	4	5	6	Least
Justify your ranking:						