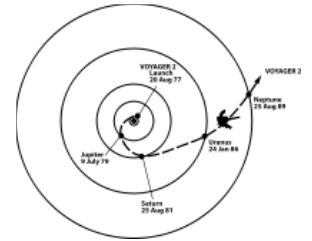


Modelling Gravity Assist

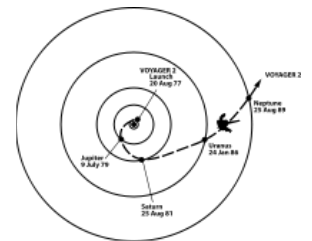
Record the angle of deflection of the steel ball “spacecraft” under different conditions.



		Speed of spacecraft	
		Faster (released from top of ramp)	Slower (released from bottom of ramp)
Gravitational strength of “planet”	Low gravity (one magnet)		
	Double gravity (two magnets)		

Modelling Gravity Assist

Record the angle of deflection of the steel ball “spacecraft” under different conditions.



		Speed of spacecraft	
		Faster (released from top of ramp)	Slower (released from bottom of ramp)
Gravitational strength of “planet”	Low gravity (one magnet)		
	Double gravity (two magnets)		