

Radius	Mass of bob	Height released	Time spent in air	Horizontal distance traveled	Horizontal velocity
(m)	(kg)	(m)	(sec)	(m)	(m/s)

Initial Kinetic Energy (Rotational Energy)	Initial Gravitational Potential Energy	Total Energy	Velocity of the bob right before it hits the ground
(J)	(J)	(J)	(m/s)