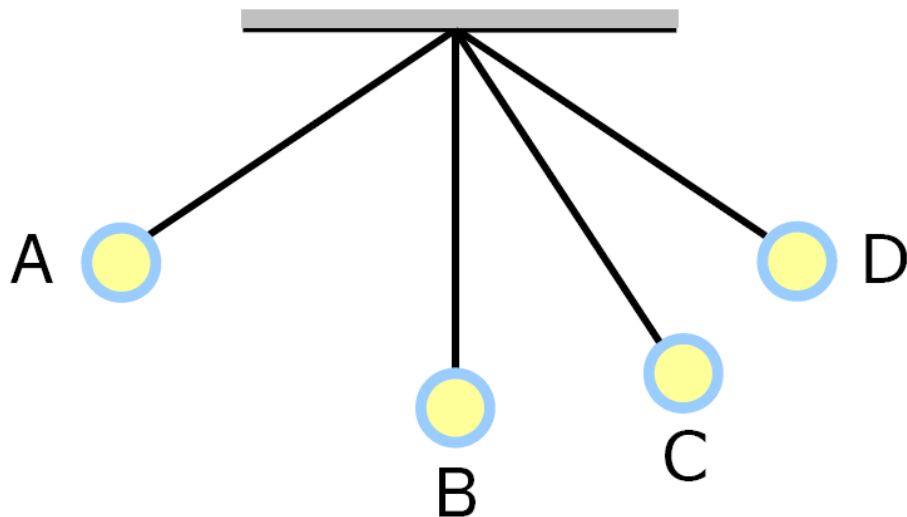


Ex 3) Pendulum



PE Max. at _____

KE Max. at _____

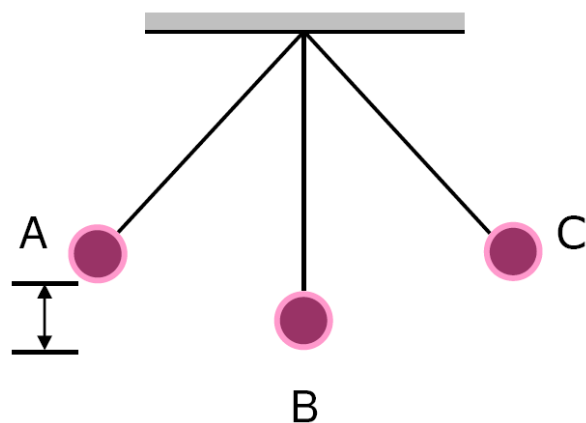
PE at Extremes = _____

KE @ Extreme = _____

PE @ Bottom always = _____

Ex 4) 1.0 kg pendulum swings to a height of .20 m above its lowest point.

K.E. of pendulum at lowest point?



Ex 5) 5.00-kg cart at foot of a hill 10.0 m high. For cart to reach the top of the hill, what is minimum KE of cart in the position shown? [neglect friction.]

