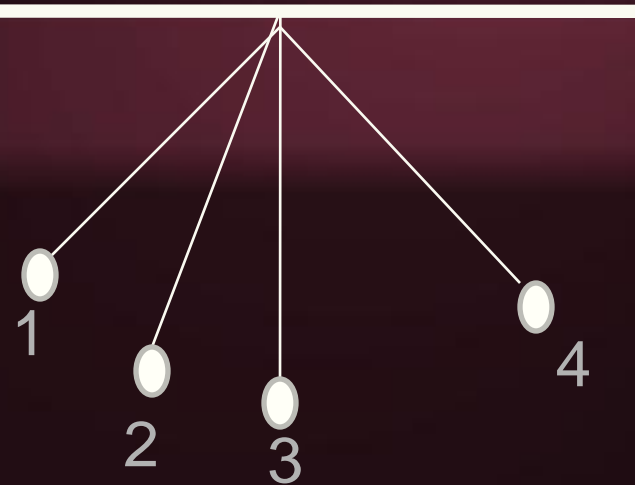# Warm Up

As the 2.0-kg pendulum bob swings to and fro, its height and speed change. Use energy equations to determine the missing values.

Position 1	Position 2	Position 3	Position 4
PE = 6 J	PE = 3 J	PE =0 J	PE = ____
KE = 0 J	KE = ____	KE = ____	KE = 0 J
v = ____	h = ____	v = ____	h = ____