

P12 - 7.9 - Pendulum String HMK

A 1.8 kg mass on a 0.6 m string is spun around a circle with a period T of 0.8 s.

Find the tension in the string when the object is at the top and bottom of the circular path.

What is the minimum speed of the object at the top of the circular path to remain in circular motion?

A 5 kg mass on a 1.4 m string is spun around a circle with a period T of 1.2 s.

Find the tension in the string when the object is at the top and bottom of the circular path.

What is the minimum speed of the object at the top of the circular path to remain in circular motion?