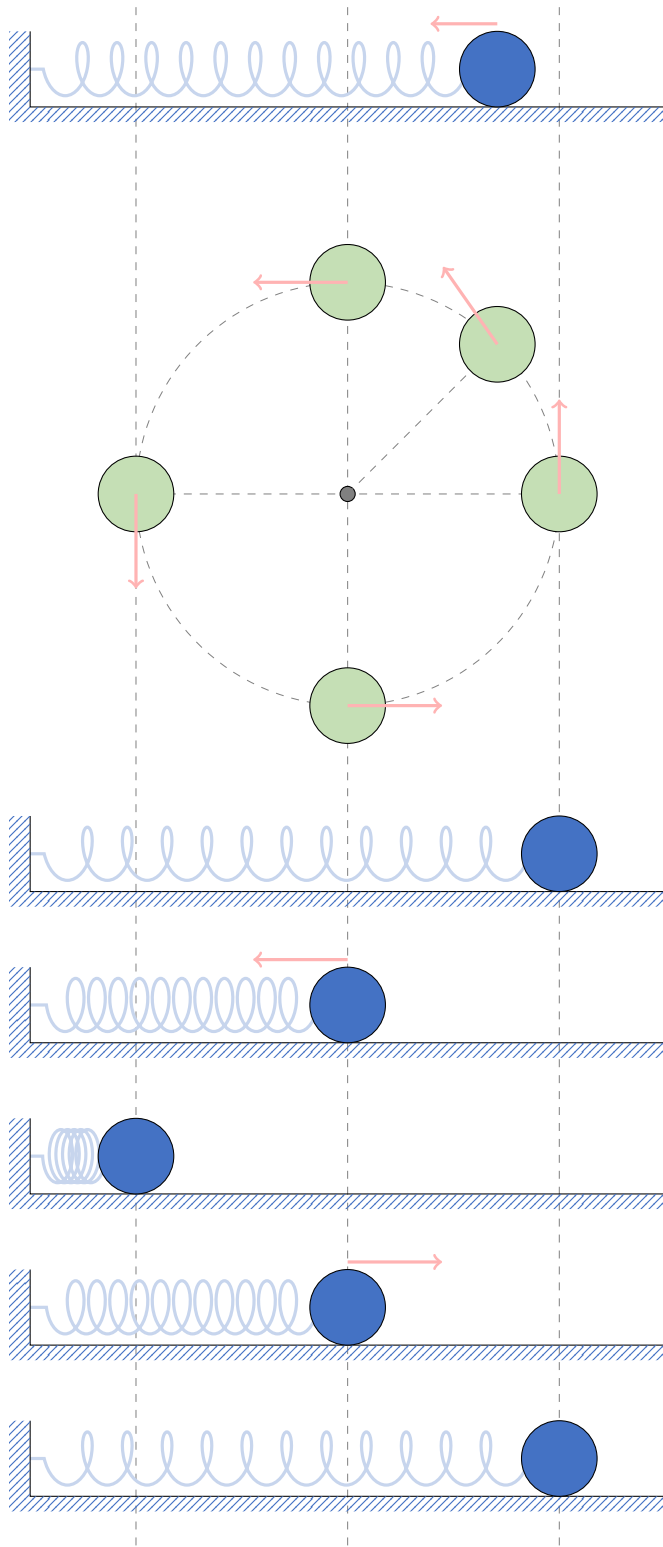


Name: _____

Date: _____

Period: _____

Energy in Simple Harmonic Oscillators



Name:

Date:

Period:

Practice

A 0.60-kg mass is placed on a spring and set to oscillate with an amplitude of 13 cm. Its frequency is 4.0 Hz.

- (a) Calculate the maximum speed of the mass.
- (b) How fast is the mass moving when its displacement from equilibrium is 9 cm?
- (c) Write down the equation for motion of the mass.