HW 11-3 Soln)

Assume that the mass is concentrated 3m from the point of support.

The period of a simple pendulum is T = $2\pi[l/g]^{1/2} = 2\pi[3/9.8]^{1/2} =$ 3.5 seconds.

The addition of Ashley's mass has no effect, so long as the mass is still concentrated at the same point.