Dynamics Evaluation Practice

Name: _____   Date: _____

F.B.D.s	5 marks
System Equations	2 marks
General Solution	2.5 marks
Numerical Answer	0.5 Mark

Symmy, the symmetric alien, is holding onto a pulley system as diagrammed below. Determine the mass of block two, m_2 , such that the acceleration of the system is equal to 3.0 m/s/s in the direction indicated.