

# Tension, tension.

The two blocks are suspended as shown below. The mass of the first block is  $m$  and the mass of the second block is  $3.00 m$ . The angles between the strings and the horizontal are  $\theta_1=30.0^\circ$  and  $\theta_2=40.0^\circ$ . Find the tensions in the strings, in units of  $m \cdot g$ .

