Homework 9 Help

A block of mass $M_1 = 3$ kg rests on a table with which it has a coefficient of friction $\mu = 0.73$. A string attached to the block passes over a pulley to a block of mass $M_3 = 5$ kg. The pulley is a uniform disk of mass $M_2 = 0.7$ kg and radius 15 cm. As the mass M_3 falls, the string does not slip on the pulley. T_3



M₃

3) $T_3 = M_3 (g-a)$

 $a_1 = -a_3$