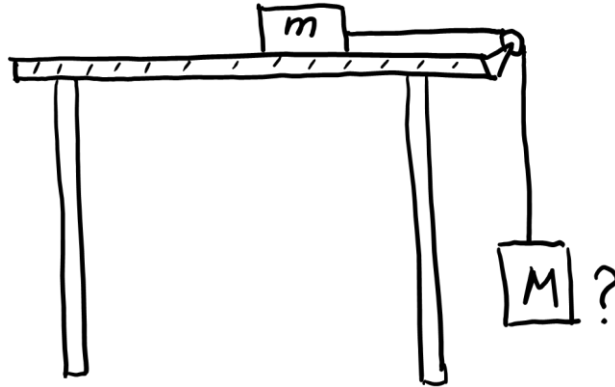Homework 6.

Problem:

A brick of mass m=2kg is on the table. Friction coefficient between the brick and the table surface is 0.2.
1. What is the minimum mass M which will make the bricks moving?

2. Find tension force applied by the rope to the hanging brick.

3. Find acceleration of the lower brick if M is 2 times higher than the critical value you found in the first part of the problem.