

Coefficient of Friction Lab

In this lab you will be measuring the coefficient of static friction and coefficient of kinetic friction between the block and the board

1. Using the laboratory equipment available (protractor, board, block, meter stick, timer) design a laboratory experiment in enough detail that another student could duplicate your results and reach the same conclusions.
2. Make a sketch of your equipment and label each part of the sketch correctly.
3. What measurements will you take and how will you use them to answer your experimental question?
4. What value did you obtain for the coefficient of static friction and coefficient of kinetic friction? Which was larger? Why?