

Lab 5-5: Finding Friction @Home

Purpose: Devise a method to calculate the force of friction between you wearing socks and a smooth, wooden floor in your house.

Procedure: Devise a method to calculate the force of friction that is acting on you when you are just wearing socks on a smooth wooden floor. In the space below, describe what you will try to measure, how you will measure it and what equipment you will need. When your group is done, show your teacher. Be prepared to also explain how you will analyze your data to ultimately calculate the force of friction.

Equipment Needed:

Procedure:

Data:

Teacher OK: _____

Analysis & Conclusion: