classroom.				3
	known Mass			
Spring Scal	e			
Procedure How do you pla	an to accomplish this ta	ask? Explain below ir	n 5 simple steps	S
4				
5				
5 Data	collect data from this e			
5 Data	collect data from this e	experiment. List this of	data in the table	e below.
5 Data				e below. Coefficient o
5 Data	collect data from this e	experiment. List this of	data in the table	
Data • You will	collect data from this e	experiment. List this of	data in the table	e below. Coefficient o
Data • You will Trial #1	collect data from this e	experiment. List this of	data in the table	e below. Coefficient o
Data • You will Trial #1	collect data from this e	experiment. List this of	data in the table	e below. Coefficient o
Data • You will Trial #1 Trial #2 Trial #3	Force Applied	Force of Friction	Mass	Coefficient o Kinetic Friction
Data • You will Trial #1 Trial #2 Trial #3	collect data from this e	Force of Friction	Mass	Coefficient o Kinetic Fricti

Solve for Coefficient of Kinetic Friction. Show all work below for each trial according to the following rubric.

 Original Equation – ½ p 	— ½ pt	uation -	Original	•
---	--------	----------	----------	---

- Rearrange Equation and plug in numbers ½ pt
- Units on all numbers ½ pt
- Correct final answer 1 pt

Trial #1	Trial #2	Trial #3				
Conclusion						
1. Did you achieve reasonable results? Explain reasonable.						
2. Would you have to change your met below to account for acceleration and s		? Write the equation				
3. What could you have changed abou	t the experiment?					

Post-Lab Question (Show all Work)

54 Using dimensional analysis, show that the expression v^2/d has the same units as acceleration. [Show all the steps used to arrive at your answer.] [2]