Physical Separation Lab Report Peer Grading Rubric

Whose lab report are you grading? _____

Grader's Name _____ Date _____ Period _____

***Take off at least one point for each box that is not checked in the table below.

Requirements	Earned Points	Possible Points	Comments
Heading ❑ Date of experiment ❑ Lab partner(s) ❑ Experiment Title		2	
Pre-lab ❑ Purpose ❑ Safety ❑ Protocol - concept map detailed enough to follow (5 points)		7	
Observations ❑ Table entitled "Table of Properties" ❑ Table includes: particle size, relative densities, magnetism, solubility (4 points) ❑ Neat, organized, clearly labeled		6	
Data ❑ Filter paper mass ❑ Mass of empty Erlenmeyer flask ❑ Table entitled "Masses of Mixed and Recovered Substances" ❑ Mass of each substance BEFORE mixing ❑ Mass of each substance AFTER recovery ❑ Units (grams) in header ❑ Neat, organized and clearly labeled		7	

Data Processing
❑ % recovery formula: $(mass_{recovered}/mass_{initial}) \times 100$
❑ Shows work for ALL calculations relating to the experiment (10 pts)
  ➢ Substitution (1 pt each x5 = 5)
  ➢ Boxed answer w/units (1 pt. ea. x5 = 5)
❑ All calculations are clearly labeled and easy to follow
		12	

Conclusion and Evaluation ❑ Complete sentences ❑ Correct spelling and grammar ❑ Scientific language Paragraph 1: ❑ Appropriate topic sentence ❑ Includes property utilized for each step (4 points) Paragraph 2: ❑ Includes error analysis for each % calculation (5 points)		13	
Presentation ❑ Well-organized, sections clearly labeled ❑ Neat, legible writing ❑ Table of contents includes information ❑ Page numbers included ❑ Lab is written in ink ❑ Errors properly crossed out, no white out ❑ Writes on one side of the page only		3	

Total points earned: _____ / 50

Write two things the student did well in this lab report:

▪

▪

Write two things that the student could do to improve the lab report:

▪

▪