The Nature of Science Virtual LAB - Pg. 92 (Mineral Identification)   Name _____

How can minerals be defined by their properties?

Question 1 :For each mineral you tested, which test was most helpful in identifying that particular mineral? Why?

Question 2 :For each mineral you tested, which test was least helpful in identifying that particular mineral? Why?

Question 3 :Why is streak color more reliable than mineral color as an identifying characteristic?

Question 4 :Why do you think some minerals are easier to identify than others?

The Nature of Science
How can minerals be defined by their properties?

Mineral/Test	Results
Mineral A Luster	
Mineral A Cleavage/Fracture	
Mineral A Color	
Mineral A Streak Color	
Mineral A Hardness	
Mineral B Luster	
Mineral B Cleavage/Fracture	
Mineral B Color	
Mineral B Streak Color	
Mineral B Hardness	
Mineral C Luster	
Mineral C Cleavage/Fracture	
Mineral C Color	
Mineral C Streak Color	
Mineral C Hardness	
Mineral D Luster	
Mineral D Cleavage/Fracture	
Mineral D Color	
Mineral D Streak Color	
Mineral D Hardness	
Mineral E Luster	
Mineral E Cleavage/Fracture	
Mineral E Color	
Mineral E Streak Color	
Mineral E Hardness	

Mineral A

Mineral B

Mineral C

Mineral D

Mineral E