

Prelab Exercise
September 11, 2019
Laboratory 3 - Minerals
(to be done **before lab!**...refer to lab schedule)

Instructor	Arthur Reed	Name	_____
Class	Geology 301, Physical Geology Lab	Date	_____
Time	MW 7:30pm – 8:50pm	Point value	5 pts

Answer the following question(s) **and turn-in at the beginning of lab.**

1. Write a one sentence definition of a mineral (*see lab manual page 70*):

2. List and very briefly describe **five of the physical properties** used in mineral identification:
(see lab manual or http://www.galleries.com/Mineral_Properties)

3. Is the **color** of a mineral a dependable property for identification (i.e., is it reliable by itself)?
(see lab manual or <http://www.galleries.com/minerals/property/color.htm>)

4. How can you tell if a flat surface on a mineral sample is a **crystal face** or a **cleavage plane**?
(Briefly...how can you tell them apart?)
(see lab manual or help from [difference between.net](http://www.differencebetween.net) and [U of T Geology](http://www.UofTGeology.com) near page bottom)