NAME_____

LAB PRACTICAL REVIEW

1. List any characteristics you would use to identify a sedimentary rock.

2. List any characteristics you would use to identify an igneous rock.

3. List any characteristics you would use to identify a metamorphic rock.

4. Round the following to the nearest <u>tenth.</u>
   a. 5.689 _____
   b. 109.987 _____
   c. 34.258 _____

5. Round the following to the nearest <u>thousandth</u>.
   a. 15.673589 _____
   b. 1.992487 _____
   c. 384.12358 _____

6. Which property of a mineral is used to describe the powdered color of the mineral?

7. Describe what a metallic mineral looks like?

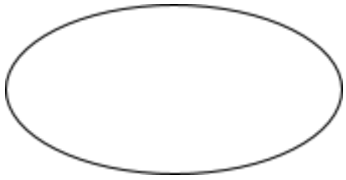
8. What is the difference between cleavage and fracture?
9. Why do we use the glass plates in mineral identification?

10. What color is the mineral olivine?_____
    a. Sulfur _____
    b. Potassium feldspar _____
    c. Calcite _____
    d. Gypsum _____
    e. Magnetite _____
    f. Amphibole _____
    g. Galena _____

11. From the choices listed in number 10 which two minerals are metallic?

12. Write the formula for eccentricity.

13. Calculate the eccentricity of the following ellipse.



14. Which planet has the most eccentric orbit?

15. During which season does the Earth have its greatest orbital speed?

16. Calculate the distance to the epicenter of an earthquake if the p-wave arrived at 4:15:00 and the s-wave arrived at 4:18:20.

17. Calculate the distance to the epicenter of an earthquake if t he p-wave arrived at 10:12:20 and the s-wave arrived at 10:16:40.

18. Why do you need three seismic stations to locate the epicenter of an earthquake?

19. What should you bring with you to the Lab Practical?

20. Which day are you taking the Lab Practical?
_____

21. During which periods are you taking the Lab Practical?_____

22. Where are you taking the Lab Practical?
_____