Homework 3 Due October 1, 2021

Name: _____Grade 7___

Write the answers on the spaces provided.

1. Put the steps involved in the specific method in orders by number them. (5)

___Hypothesis _____Observation _____Conclusion

___Experiment _____Problem

2. What is the scientific method?

_____

_____

3. Why are experiments important?

_____

_____

4. Why it is necessary to have a control group during an experiment?

_____

_____

5. Explain using an example how science and technology related?

_____

_____

LIVEWORKSHEETS

6. All scientists use the same system of measurement. What is it called?

_____

a. What is the purpose of using measurements? (Name 4)

_____

_____

_____

_____

7. Define these terms:

a. Science_____

b. Volume _____

c. Mass_____

d. Temperature_____

e. Hypothesis_____

8. Write the measurement taken with the following instruments and its SI unit. (8)

a. Thermometer -Measurement:_____

-SI unit :_____

b. Beaker -Measurement:_____

-SI unit :_____

c. Displacement can -Measurement:_____

-SI unit :_____

d. Spring balance -Measurement:_____

-SI unit :_____

LIVEWORKSHEETS

9. The symbols below were on a bottle. What does it indicate about the substance inside the bottle? (4)

a.  _____

b.  _____

c.  _____

d.  _____

10. A fire starts in the pine barren. What must be present to sustain this fire? (3)

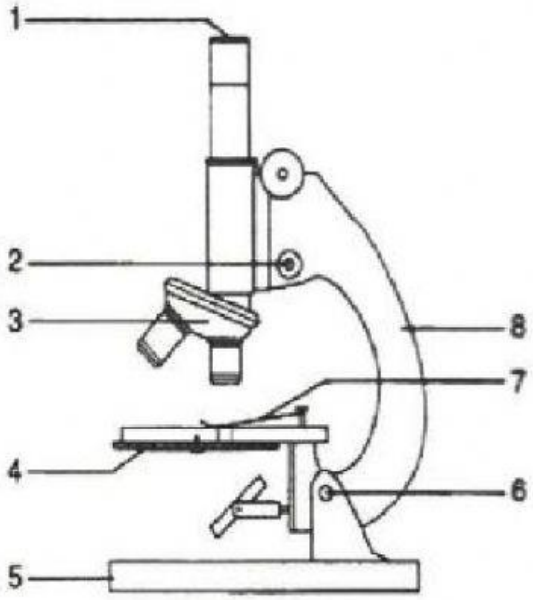
_____

_____

_____

LIVEWORKSHEETS

11. Label the microscope below: (8)



1._____

2._____

3._____

4._____

5._____

6._____

7._____

8._____

12. What is used as a light source in the above diagram? (1)

_____

13. Write the number of the part of the microscope that does the following: (5)

_____a. Hold the slide on the stage.

_____b. Use to focus on the image

_____c. Used to change objectives

_____d. Supports the microscope

_____e. Controls the amount of light passing through the specimen

14. What is a microscope used for: (1)

_____

a. Name an instrument with a similar function._____

b. Name a job that uses a microscope._____

LIVEWORKSHEETS