Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Term 1 Week 4

1. Which of the following are living (biotic)?
   1. Wind
   2. Air
   3. Lion
   4. Fire
2. When taking a measurement, what is a key item you need?
   1. A number
   2. A unit
   3. Nothing in particular
   4. Both A and B
3. If the field of view is very dark what should you do?
   1. Adjust the mirror
   2. Adjust the diaphragm
   3. Both A and B
   4. None of the above
4. The horizontal layer that is in focus is called the
   1. Field of view
   2. Focal plane
   3. Magnification
   4. Opposite
5. The total magnification is 40x, what objective lens am I using?
   1. 4x
   2. 10x
   3. 40x
   4. 5x
6. What is the **TOTAL** magnification if I am using the 40x objective lens?

SHOW WORK

1. The more salt in water the faster it will boil.

What is the independent variable?

What is the dependent variable?