

Name: _____

Date: _____

INVESTIGATING BLOOD CELLS: LAB #12

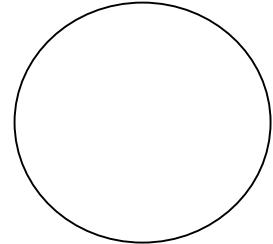
Purpose: To observe red and white blood cells under the microscope.

Materials: Microscope; Prepared Slide of Blood

Procedure:

1. Set your microscope to the lowest power objective lens.
2. Place the blood specimen slide on the stage.
3. Focus the microscope at the lowest power and move the slide around so you are looking in the central part of the specimen. Now, switch to the highest power objective lens and re-focus if necessary.
4. Move the slide slightly until you find a white cell. Draw what you see.

_____ X
Power



5. Below, draw larger pictures of a single red cell and a single white cell.

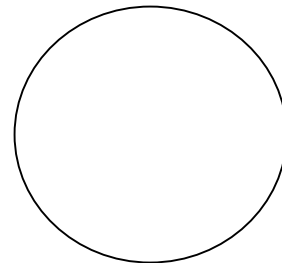
Red Cell

White Cell

6. Observe as many white cells as you can. Are the nuclei shaped the same?

_____ How does the number of red blood cells compare with the number of white blood cells? _____

7. Can you find any platelets? _____
If so, draw what you see (include at least surrounding red cells near the platelets.)



8. Summarize what you learned by doing this lab: