**Black and White Paper Development**

To make a finished photograph, photo paper must first be exposed to some amount of light and then processed by sending it through a series of baths. List, in correct order, the names of the four baths a black and white print goes through before it is ready to be dried. Next to the name of the bath, state how long the print needs to remain in the bath.\*

* Name of first bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Time in first bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Name of second bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Time in second bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Name of third bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Time in third bath (total time): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*After print has been in this bath for half of the total time, it is safe to evaluate it under normal room lights.

* Name of fourth bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Time in fourth bath: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**IMPORTANT:**

-Allow safelights to warm up for about 3-4 minutes after first being turned on for the day, and allow your eyes to adjust to the low light when entering the darkroom. **PLEASE BE CAREFUL IN THE DARKROOM. IT’S DARK.**

-After you get unexposed photo paper out of the box/bag, **CLOSE THE BAG** containing the rest of the unexposed paper, put the **BAG BACK IN THE BOX**, and **CLOSE THE BOX LID**. Don’t leave unexposed paper lying out or in an open box/bag, even under safelights. Safelights are only safe for so long. The paper will eventually fog even under safelight, and, of course, if the room lights get turned on and unexposed paper is not secured in a light tight container, the paper is ruined.

-Black and white paper processing must be done under safelights until you are halfway through the fixer bath.

-ALWAYS evaluate a print under normal room light, or, better yet, day light. REMEMBER, just because you are halfway through the fixer bath and ready to evaluate under room lights, this doesn’t mean your peers are ready to do the same.

-Be sure to frequently **AGITAT**E your print when it is in each of the first three baths.

-Fourth bath (water wash) needs to have constantly moving, running water.

-Do not overlap prints in any of the first three baths at once. If the prints stick together, they will not develop properly. A greater number of prints can be placed in the fourth bath (water wash), just be sure not to over fill with too many prints. Also, be sure prints are not sticking to each other in fourth bath.

-When prints are washed and ready to dry, remove them from wash bath, shake off excess water (use squeegee if you wish, just be sure to wash it first), and place print on the shelf to dry. *DO NOT place unwashed, improperly washed, or improperly developed prints on the shelf. Doing so will contaminate the surface and, in turn, your prints, leaving stains on them.*

**My Pinhole Camera:**

**Focal length (mm.):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Aperture (Pinhole Diameter in mm.):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**f-stop: (focal length/diameter)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Exposure time**:

\*\*\*use your measurements and exposure chart to determine approx. exposure time

**\_\_\_\_\_\_\_\_\_\_** (focal length)/ **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** (aperture) **=\_\_\_\_\_\_\_\_\_\_\_\_**

**My exposure time:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**