



Offset Lithography

Oil and Water

Date Stamp: _____

Name: _____

Class/Period: _____

Step 1

Make Fountain Solution

Materials Needed:

- Fountain Solution Concentrate
- Alcohol
- Water

Accurately measure the ratio of fountain solution concentrate to alcohol to water.

According to instructions on the fountain solution concentrate how much of each do you need:

_____ parts fountain sol'n concentrate

_____ parts alcohol

_____ parts water

This equates to:

_____ oz fountain sol'n concentrate

_____ oz alcohol

_____ oz water

Step 2

Ink Plate

Materials Needed:

- Offset plate with image area exposed
- Fountain Solution (mixed in step 1)
- Offset Ink
- Cotton Pads
- Paper

Dip a cotton pad in the fountain solution and use to wet the plate. Write your observations:

Dip another cotton pad in the ink and spread over the image area of the *wet* plate. Write your observations:

Step 3

Make Ready and Impression

Using scrap paper, press the inked plate to the paper to transfer the ink. Repeat this step (re-wetting and re-inking as necessary) until you have a good, clear impression. Make final impression on the reverse side of this worksheet. Write your observations:

Clean up your work area!