Name _____ **Date** _____

Test #1

ISO used _____ Subject _____

Metered exposure of subject   f/_____   at _____ second

-5 stop exposure of subject   f/_____   at _____ second

+4 stop exposure of subject   f/_____   at _____ second

Developer _____ dilution _____

Development of film _____ minutes _____ seconds at _____ degrees

Examine negative. Is there a light trace of gray in the thin (-5 stop) frame?

      Yes (go to Evaluation of Negative Developing Time) ➡ ────────────────────

      No (repeat test from the beginning in test #2)

Test #2

If the -5 negative in Test #1 was too thin to see readily, divide ISO by 2.

If the -5 negative in Test #1 was too dense and dark, double the ISO used.

New ISO to test _____

Metered exposure of subject   f/_____   at _____ second

-5 stop exposure of subject   f/_____   at _____ second

+4 stop exposure of subject   f/_____   at _____ second

Developer _____ dilution _____

Development of film _____ minutes _____ seconds at _____ degrees

Examine negative. Is there a light trace of gray in the thin (-5 stop) frame?

      Yes (go to Evaluation of Negative Developing Time) ➡ ────────────────────

      No (repeat test from the beginning in test #3)

Test #3

If the -5 negative in Test #2 was too thin to see readily, divide ISO by 2.

If the -5 negative in Test #2 was too dense and dark, double the ISO used.

New ISO to test _____

Metered exposure of subject   f/_____   at _____ second

-5 stop exposure of subject   f/_____   at _____ second

+4 stop exposure of subject   f/_____   at _____ second

Developer _____ dilution _____

Development of film _____ minutes _____ seconds at _____ degrees

Examine negative. Is there a light trace of gray in the thin (-5 stop) frame?

      Yes (go to Evaluation of Negative Developing Time) ➡ ────────────────────

      No (repeat test from the beginning in test #4 - use separate sheet for recording values)

Evaluation of Negative Developing Time

Be sure that the enlarger contrast is set to normal (#2) for before you begin the test. Make a proper proof of the frame containing the +4 stop exposure, covering half of the negative with an opaque card during exposure under the enlarger. (A proper proof is made so that the film's sprocket holes just about dissappear into the black of the printing paper. Make a test strip to determine what exposure time provides a proper proof.)

Examine contact print. Does the uncovered half of the negative appear just a little bit gray compared to the half that was covered?

      Yes (Test complete. Record your findings below.)

      No (Uncovered half too dark. Redo the test using 120% developing time.)

      No (Uncovered half is pure white. Redo the test using a 80% of developing time.)

Findings

Your "normal" ISO _____ Your "normal" negative developing time _____ minutes _____ seconds