Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Ch. 15 Document Analysis: Signature Analysis with a Letter Angle Template**

*Investigators use the letter angle template to determine the slant of individual letters, groups of letters, words, or sentences (handwriting characteristic #9). The plate you will be using is designed for better visibility and more accuracy than would be possible with the use of an ordinary protractor.*

*There are three number scales on the upper part of the plate. The first two scales, #1 and #2, are for letters or writing that slant to the right of vertical or the degree line marked 0 degrees. The third scale, #3, is for letter or writing that slant to the left of vertical. Scale #1 is graduated from 0 to 30 degrees to the right of vertical. Scale #2 is graduated from 30 to 60 degrees to the right of vertical. Handwriting that slants more than 60 degrees is comparatively rare. Scale #3 is graduated from 0 to 30 to the left of vertical and is used for so-called backhand writing.*

Sign your name 4 times on the lines below.

Measure the angles of each letter in each signature.

Write the angles above each letter.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Have four different people attempt to forge your signature on the lines below.

Measure the angles of each letter in each signature.

Write the angles above each letter.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Record the range of angles for each of the letters in your signature below:
2. How consistent are the angles between your signatures?
3. Did the angles in the forged signatures fall within the ranges of your actual signatures? Where some of the forged signatures better than others?
4. What other characteristics of forgery (besides slant angle) can you identify in the forged signatures?