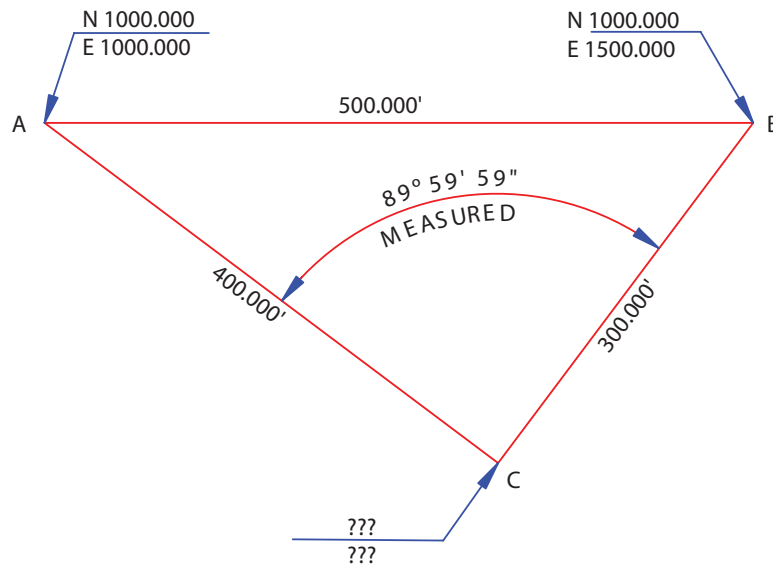


**Problem
132**

by Dave Lindell, L.S.



W

While set up at point C, I measured line CA as 400,000', line CB as 300,000' and angle A-C-B as 89°59'59" to fixed points A and B in order to calculate a two point resection position. However, I entered the angle as 89° (I got distracted and forgot the 59'59"). My calculator program gave me N 755.9476 and E 1321.1928 for point C. What did my calculator do?

**Problem
133**

by Benjamin Bloch, Ph.D.

Every positive number can be placed in one of nine columns headed by the single digits 1 through 9.

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45

a) If any number in the 3 column were added to any number in the 2 column, in which column would the resulting sum appear?

Show that the following additions are *incorrect*, without doing the actual addition.

b) $958,877,535 + 22,719,854 = ? 981,597,289$

c) $13.6005 + 12.02 + 9.21 = ? 34.7205$