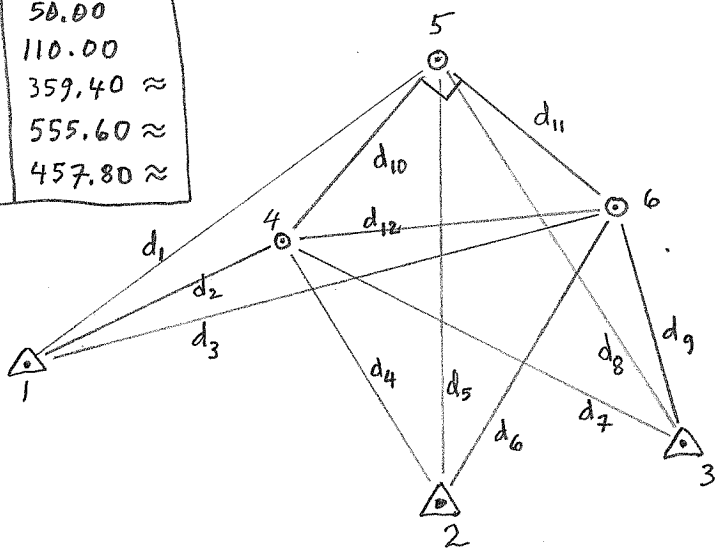
Adj. of Geospatial Obs. **HW6 Constraints** Due Mon. 2 Dec. 2019

point	X	Y
1	181.00	100.00
2	490.00	50.00
3	752.00	110.00
4	380.50	359.40 ≈
5	476.50	555.60 ≈
6	672.30	457.80 ≈



#	obs.
1	542.58
2	327.40
3	607.60
4	329.24
5	504.87
6	446.59
7	448.10
8	523.14
9	356.91
10	218.06
11	217.62
12	308.03

$\sigma = 0.2$

Distances are observed among control points 1, 2, 3 and unknown points 4, 5, 6, in the 2D network shown in the sketch.

1. Adjust with no constraint
2. Compute GLH test statistic for 90° angle constraint at pt. 5
   What is probability to the left for this test statistic ?
3. Adjust & enforce the 90° angle constraint.
4. Make global test on reference variance at $\alpha = .05$ (2-sided)

show counting, constraint equation, linearized constraint equation, parameter corrections for each iteration, final parameter estimates, final residuals, and details on the 2 test statistics.
Email script to me when you turn in assignment.