

Date & Time _____

Auto Level Brand: _____

Weather: _____

Model: _____

approx d: _____

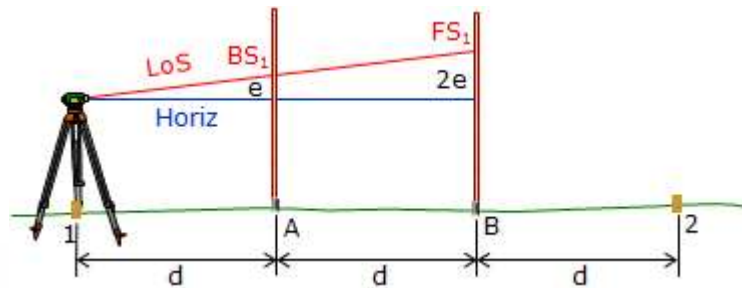
S/N: _____

Units: feet meters (circle)

Stadia Mult, k: _____

Crew: _____

Reading Set _____



Instrument at Point 1

Sight Point A

Top: _____

Middle: _____ i: _____

Bottom: _____ d_{1A} : _____

Ave: _____ = BS_1

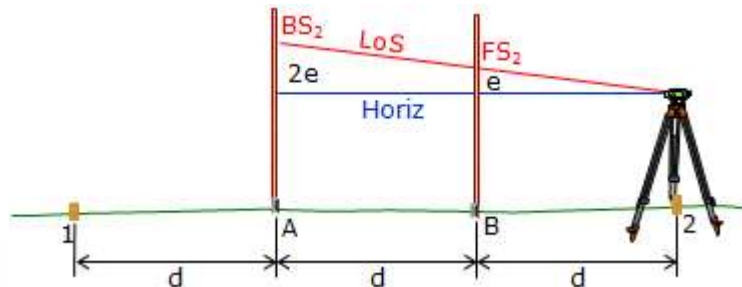
Sight B

Top: _____

Middle: _____ i: _____

Bottom: _____ d_{1B} : _____

Ave: _____ = FS_1



Instrument at Point 2

Sight A

Top: _____

Middle: _____ i: _____

Bottom: _____ d_{2A} : _____

Ave: _____ = BS_2

Sight B

Top: _____

Middle: _____ i: _____

Bottom: _____ d_{2B} : _____

Ave: _____ = FS_2

$$e = \frac{(BS_2 - FS_2) - (BS_1 - FS_1)}{2} =$$

$$d = \frac{d_{1A} + d_{1B} + d_{2A} + d_{2B}}{6} =$$

$$c = \frac{e}{d} =$$

$$\theta = \tan^{-1}\left(\frac{e}{d}\right) =$$