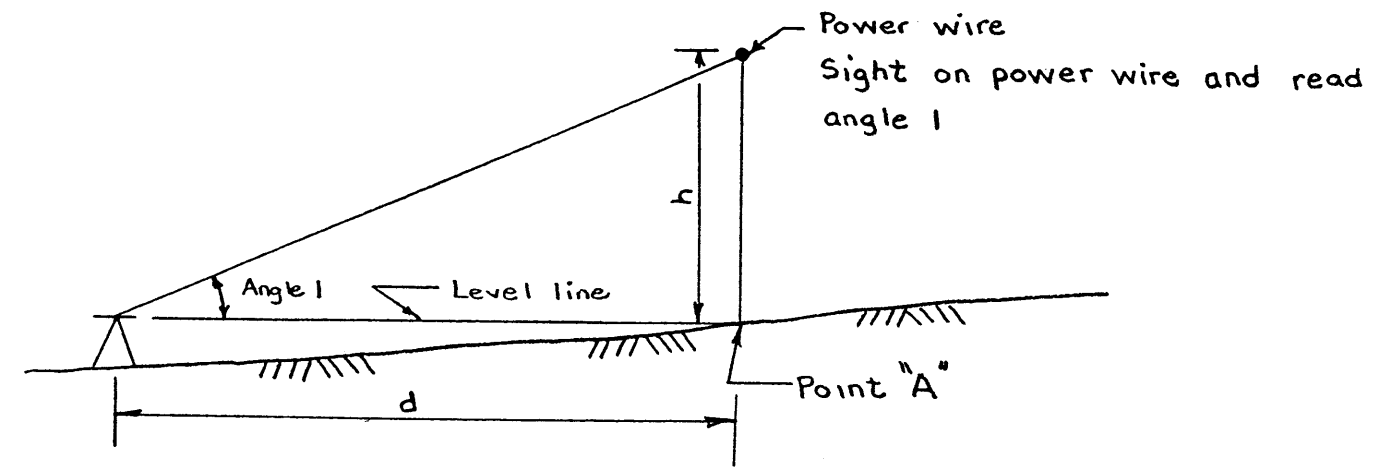


CASE I

LEVEL - LINE OF SIGHT IS LEVEL WITH POINT "A"



$h = d \times \text{tangent angle } I$

Example

d is 100 ft.

angle I is 18°-20'

$h = d \times \text{tangent angle } I$

$\text{tangent angle } I = \text{tangent } 18^\circ-20' = 0.3314 \text{ (from page 6)}$

$h = d \times \text{tangent angle } I = 100 \times 0.3314$

$h = 33.14 \text{ feet}$

