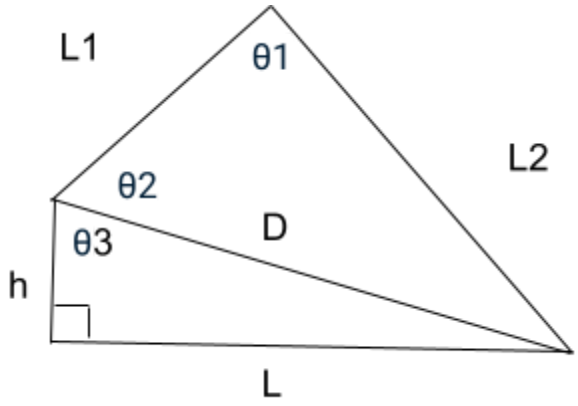

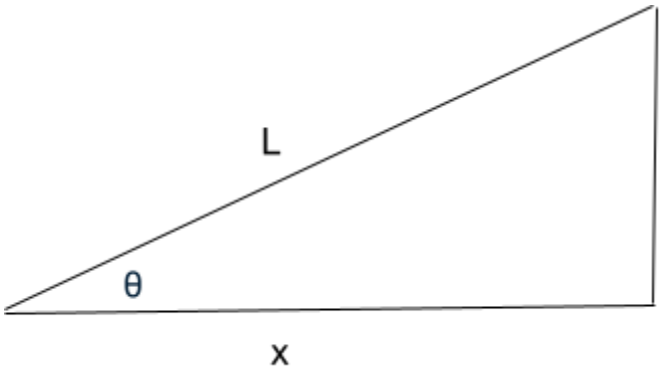

$Given: \theta, x, L1, L2, h$

$D = \sqrt{L^2 + h^2}$

$L = \frac{x}{cos(x)}$

$\theta_1 = arccos(\frac{D^2 - L1^2 - L2^2}{-2(L1)(L2)})$

$\theta_2 = \frac{L2^2 - L1^2 - D^2}{-2(L1)(D)}$

$\theta_3 = arctan(\frac{L}{h})$

$h = 45\ mm$

$L_1 = 40\ mm$

$L_2 = 62\ mm$

$x = 50\ mm$