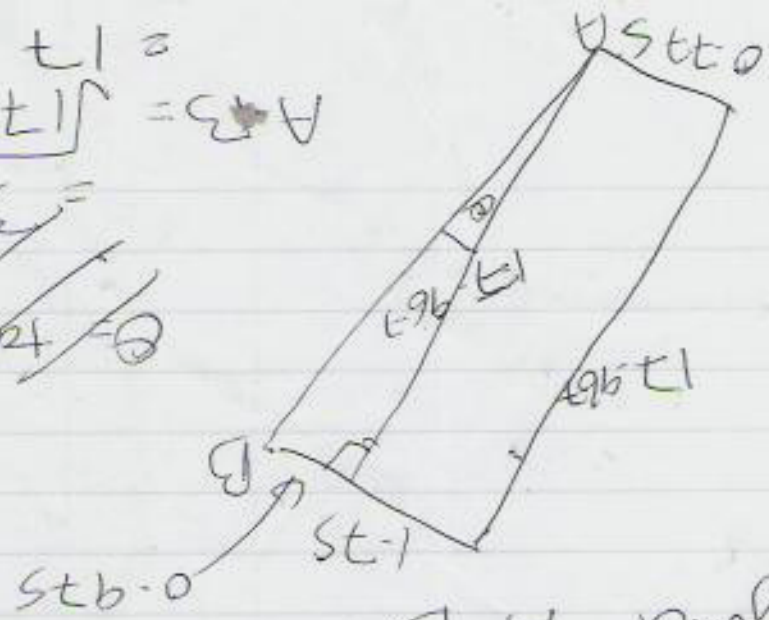


$$AB = \sqrt{17.96^2 + 0.975^2} = 17.993$$

$$\theta = \tan^{-1} \left(\frac{17.96}{0.975} \right) = 86.9^\circ$$

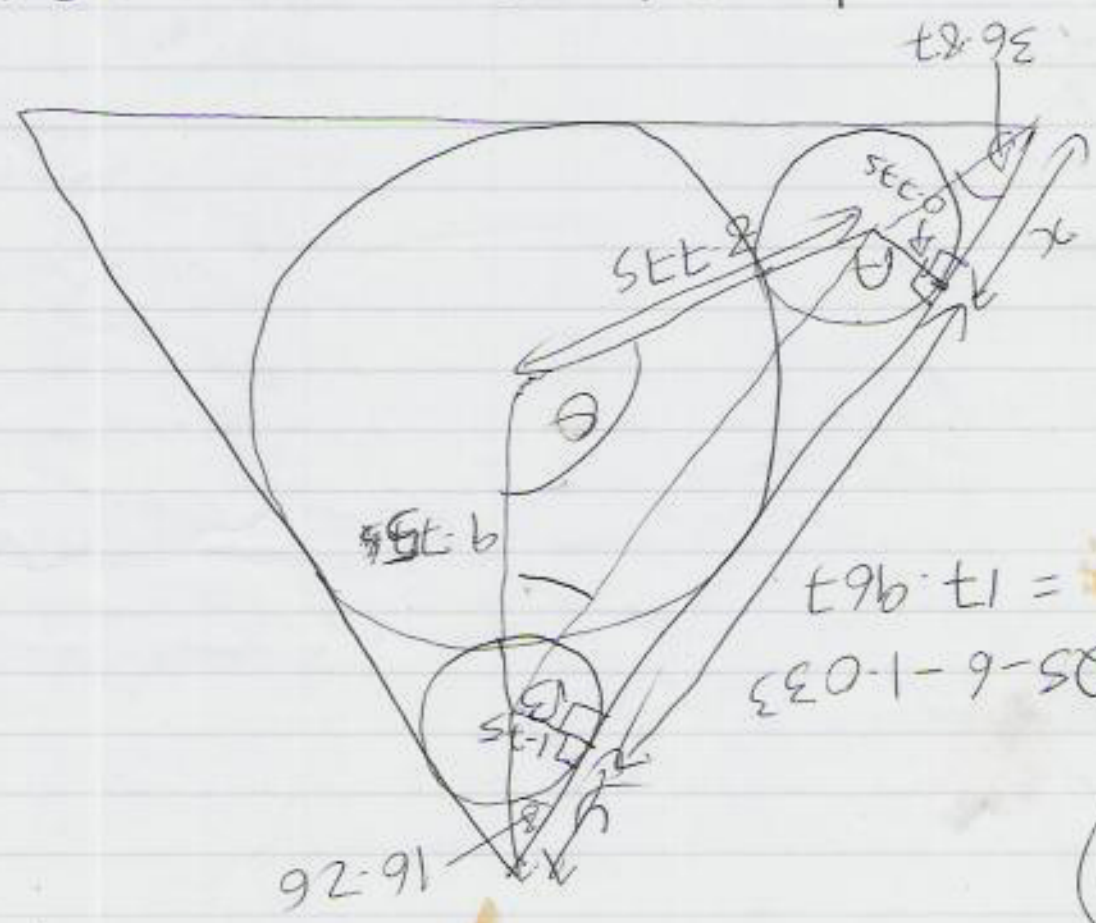


To find AB

$$y = 1.75 \tan 16.26 = 0.5$$

$$x = 0.775 \tan 36.87 = 1.033$$

$$\frac{x}{0} = 1.75 \Rightarrow x = 0$$



$$25.6 - 1.033 = 17.967$$

1)