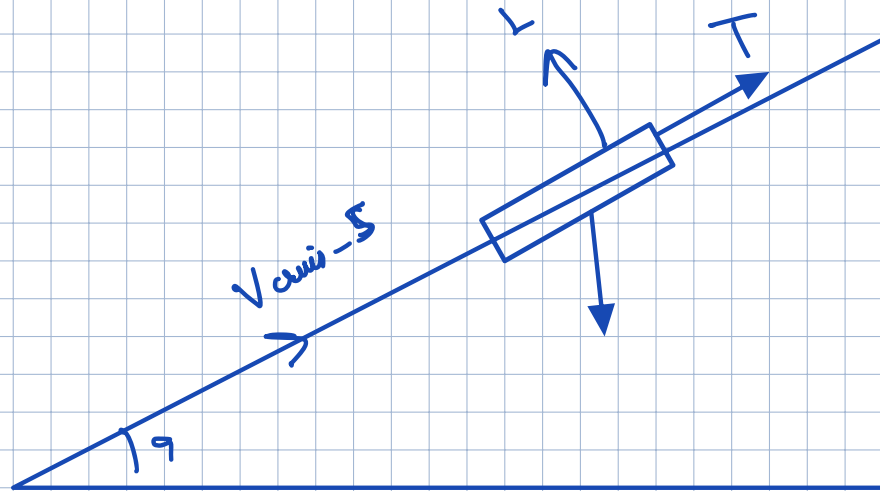
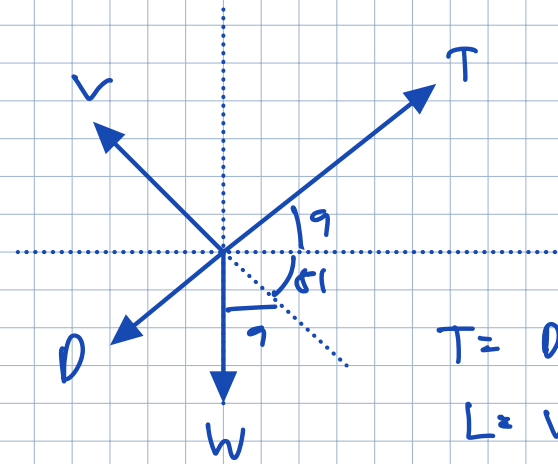


Section: S 9 deg climb from 60 to 300m



$$V_y = ROC = V_{climb} \sin 9$$

$$t_{turn-S} = \frac{240}{V_{climb-S} \sin 9}$$



$$T = D + W \sin 9$$

$$L = W \cos 9$$

$$\begin{aligned} \text{Power}_2 &= T V_{\infty} = D V_{\infty} + W \sin 9 V_{\infty} \\ &= \frac{L}{(L/D)} V_{\infty} + W \sin 9 V_{\infty} \end{aligned}$$