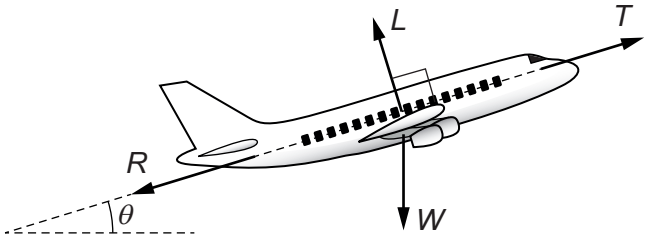
4 An aeroplane is moving at a constant speed in a straight line at an angle θ to the horizontal.

Four forces act on the aeroplane: thrust force T, weight W, lift force L and resistive force R.



Which two equations must be correct?

A $L = W\cos\theta$ and $T = R + W\sin\theta$

B $L = W\sin\theta$ and $T = R + W\cos\theta$

C $L = W\cos\theta$ and $T = R - W\sin\theta$

D $L = W\sin\theta$ and $T = R - W\cos\theta$