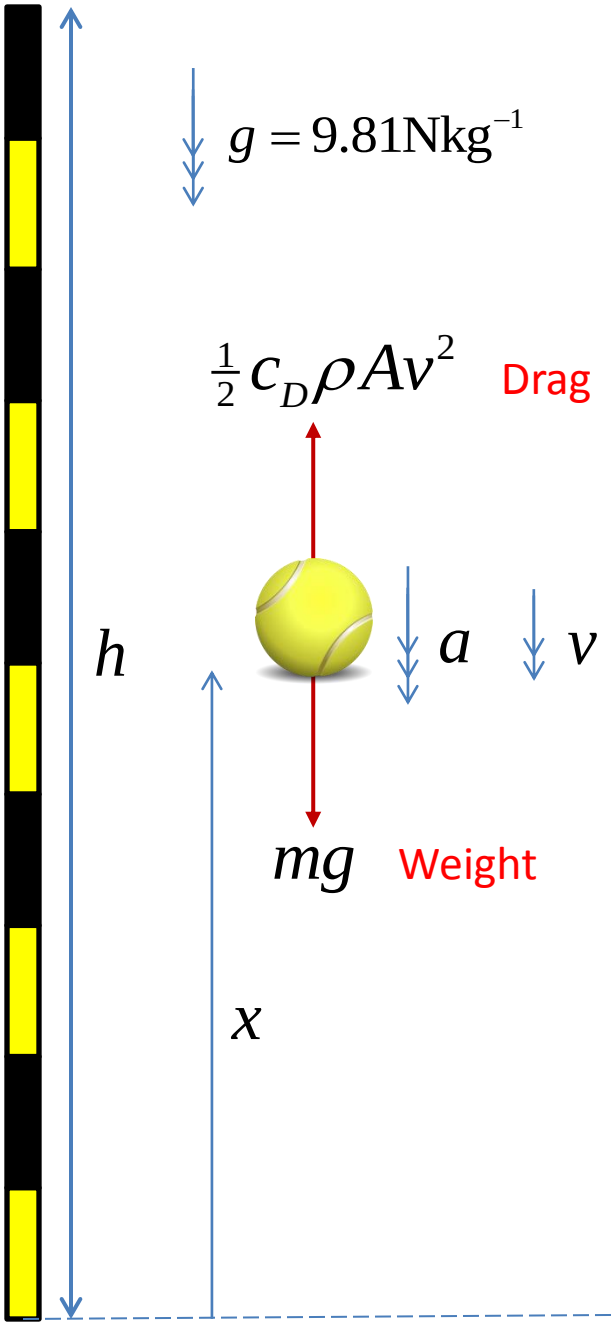
$g = 9.81\text{Nkg}^{-1}$
$\frac{1}{2}c_D\rho Av^2$
Drag
h
a
v
mg
Weight
x