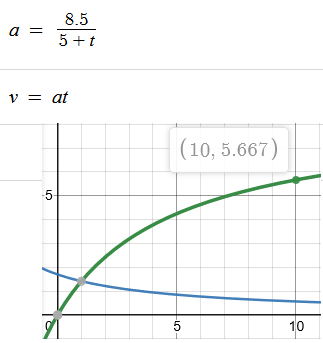
In the case of a player walking on the ground :





We have

With, in , and



If we plot the acceleration and the speed, we see that in theory, we should reach the velocity of 5.66 in 10 ticks, but in reality we do reach a superior speed. Explications ???