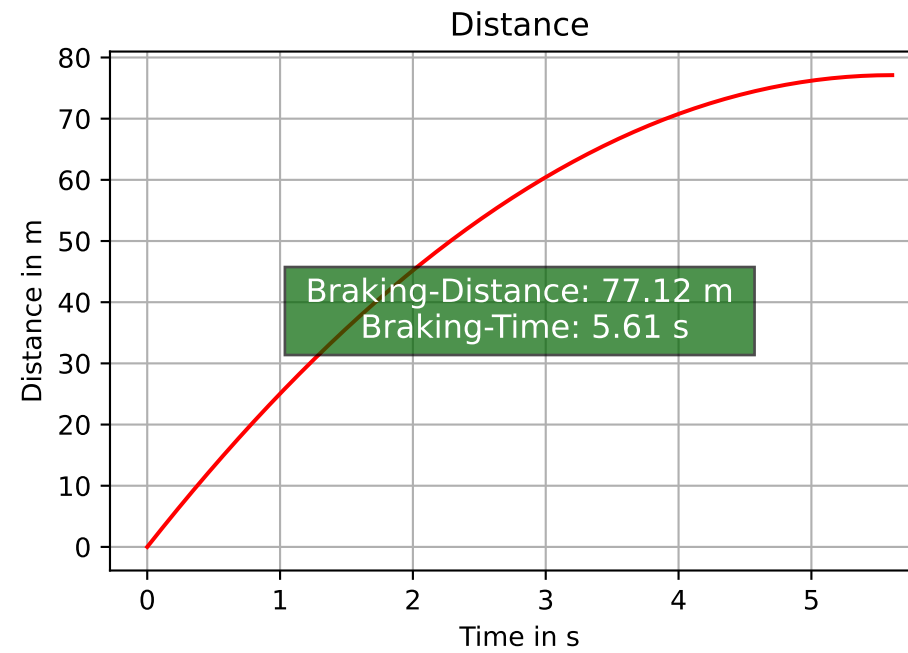
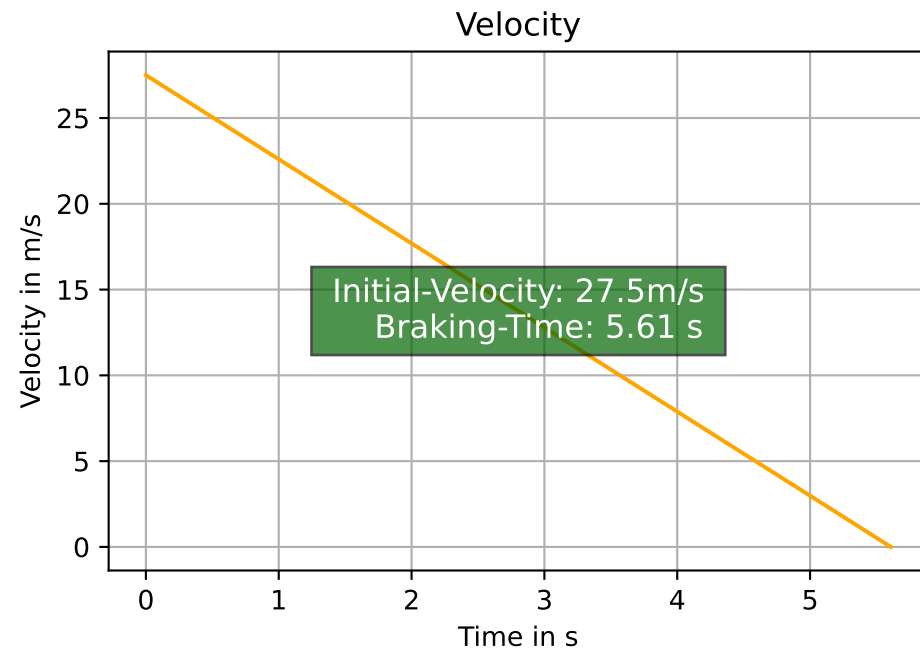


Visualizing of the braking velocity and braking distance of a vehicle



Your parameters for the plots:

Velocity: 27.5 m/s

Mass: 2000 kg

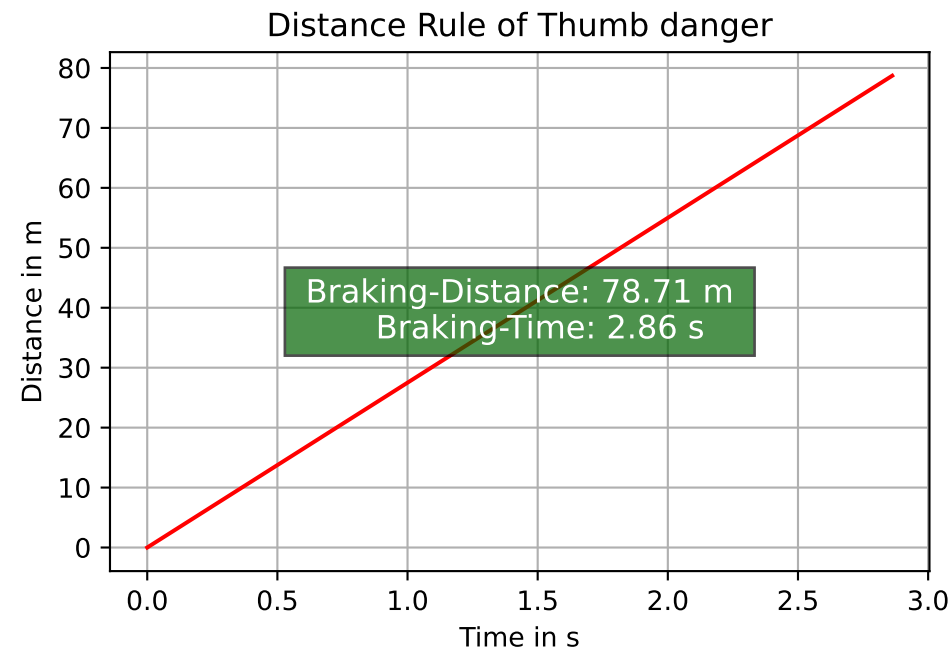
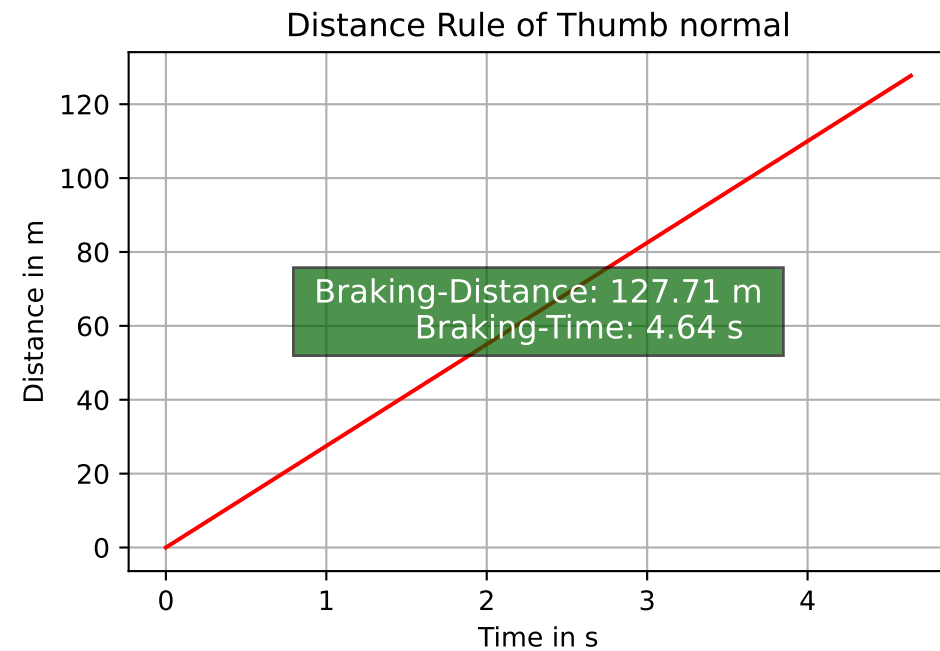
Type of road: concrete

Condition: dry

Friction-Coefficient: 0.5

Angle of surface: 0 degrees

Acceleration: -4.9 m/s^2



Hint: The Rule of thumb does not consider

the mass of the vehicle,

the road-condition,

the type of the road,

the steepness of the road!