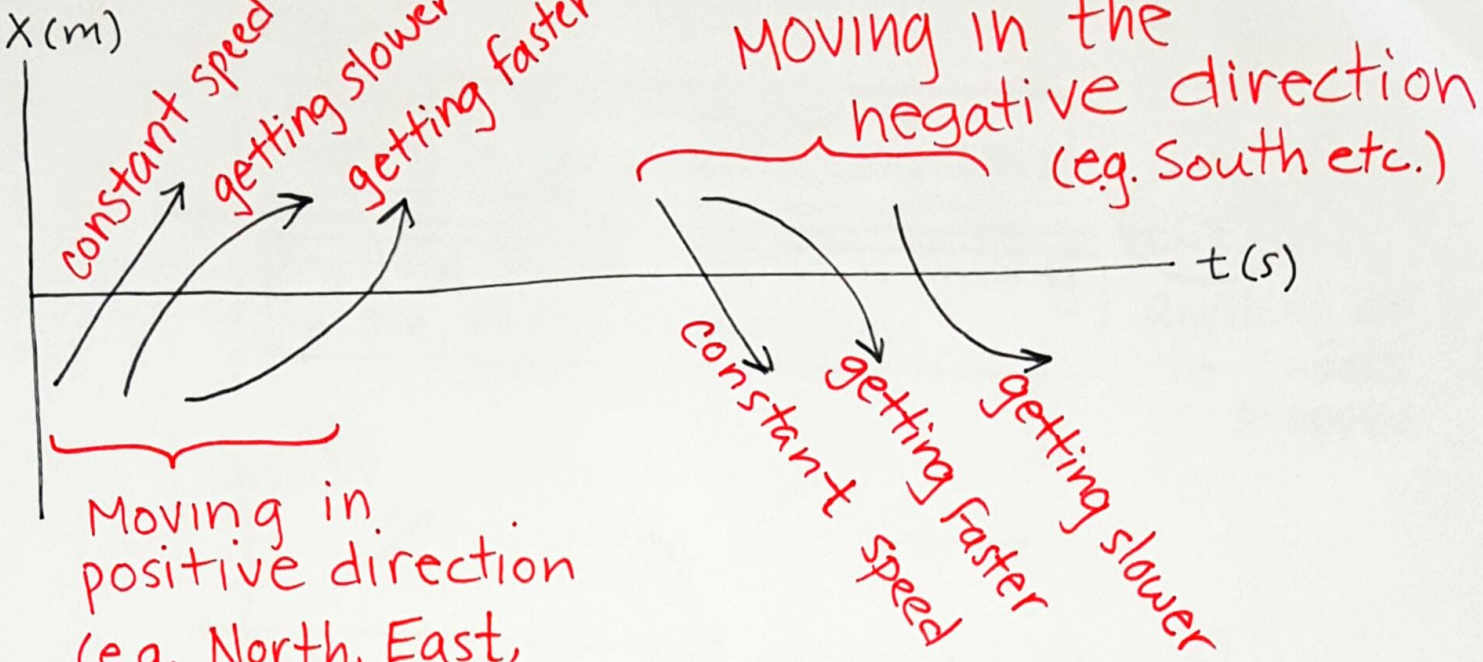
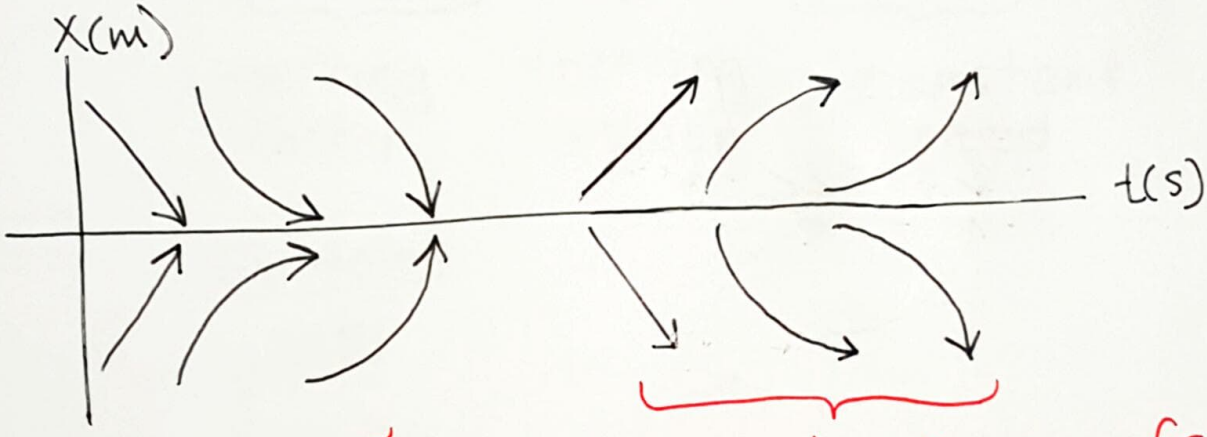
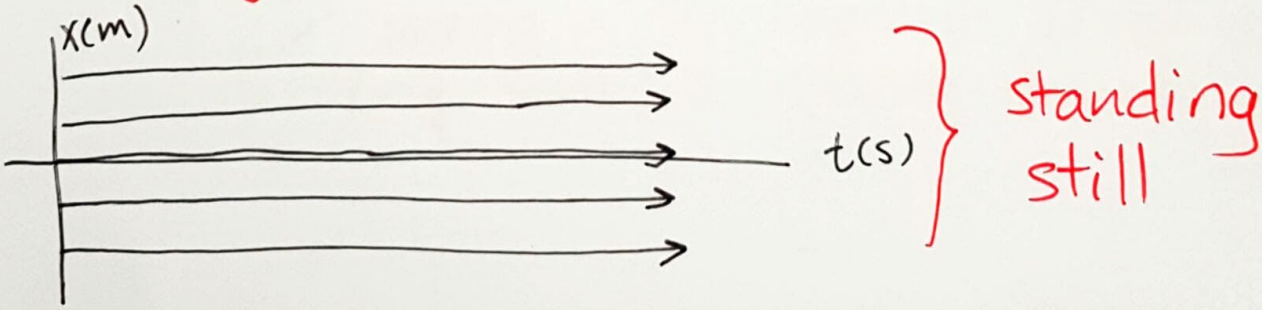
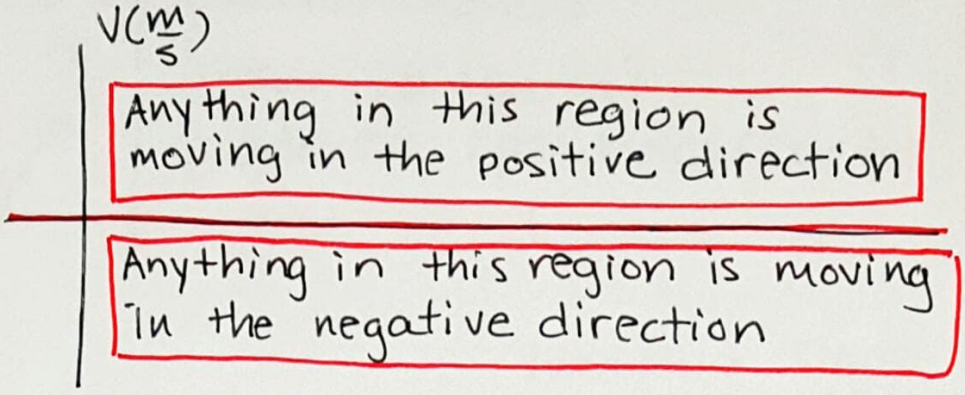
Position Graphs



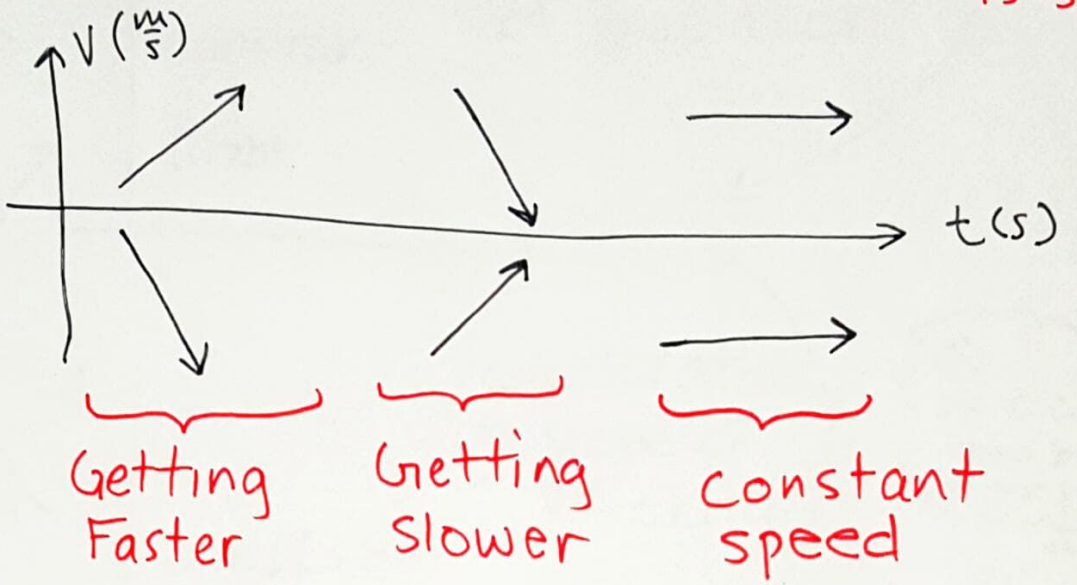




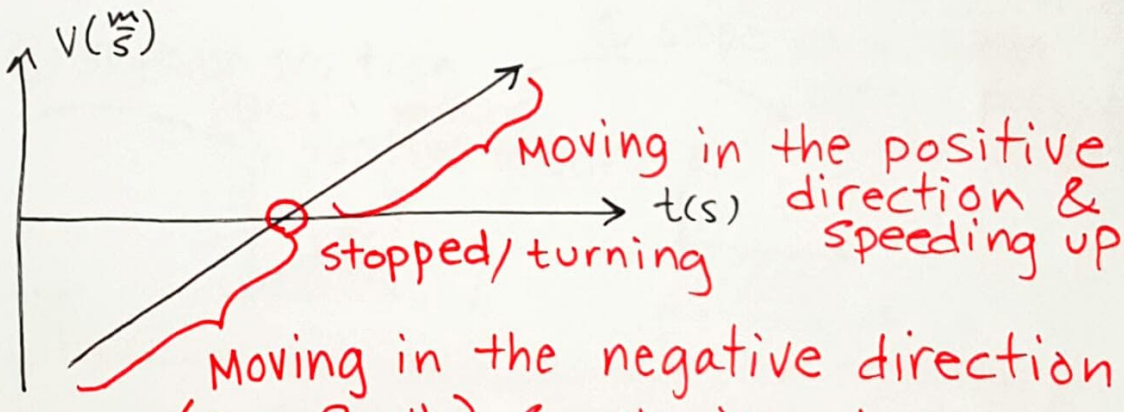
Velocity Graphs



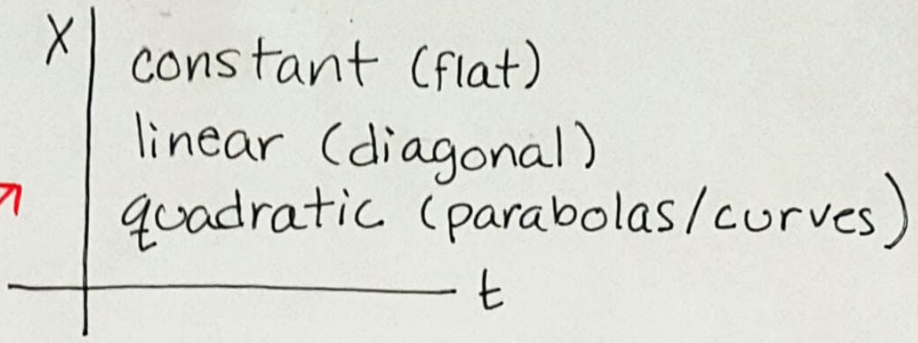
Anything on the t-axis is stopped



Example:

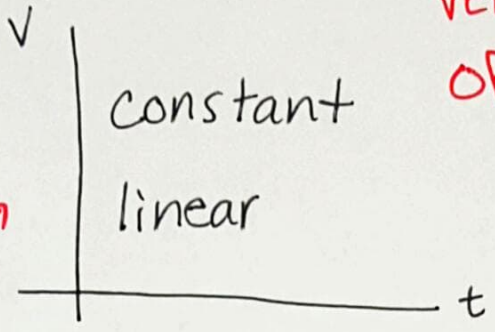


In this class we study:



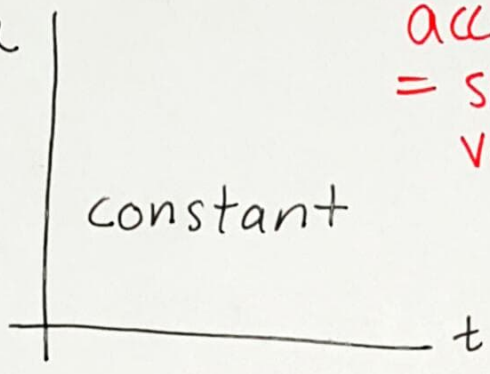
Areas

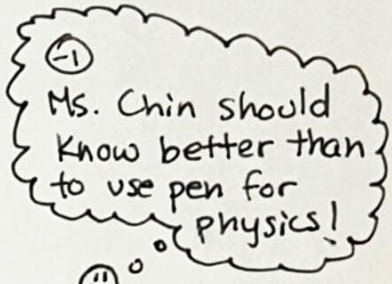
velocity = slope of position



Areas

acceleration = slope of velocity



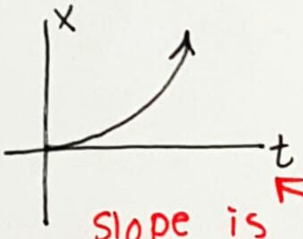


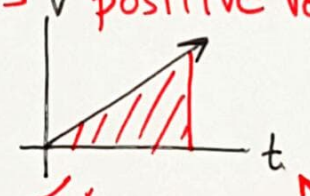
Velocity graph

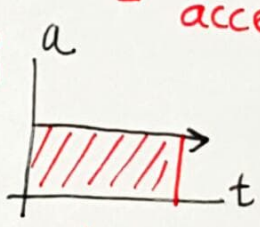
EXAMPLE

⊕ slope on position graph means positive velocity

⊕ slope on ~~accelera~~ means positive acceleration







slope is increasing so speed is increasing

Area represents change in position "displacement"

Area represents increase in velocity