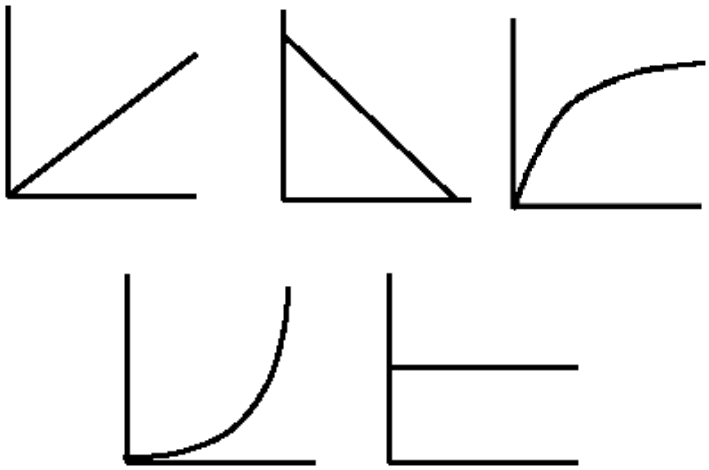
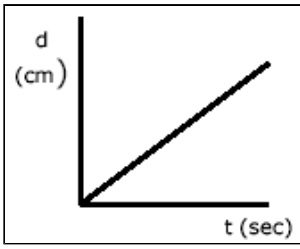
Name _____ # _____

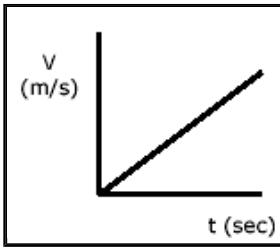
Step 1 – The slope of a motion plot tells describe what kind of motion we have. Describe each slope



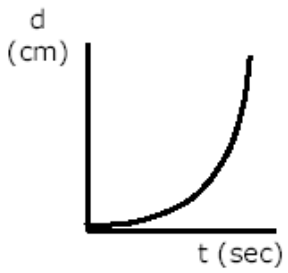
Step 2 –Use Y axis label to identify the motion described by the slope

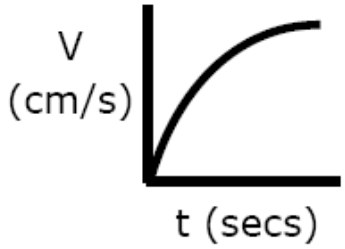
If the plot has:	**Slope Equals:**
• **d or position on Y axis** • **v or speed on Y axis**	• **velocity or speed** (slope = Δd/Δt = v) • **acceleration** (slope = Δv/Δt = a)

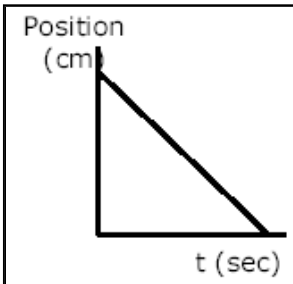
	Step 1 – **Slope?**	Step 2 – **Motion?**

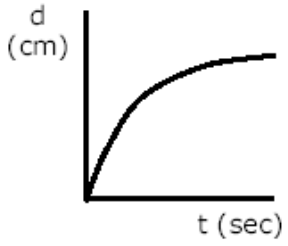
	Step 1 – **Slope?**	Step 2 – **Motion?**

The motion described in the plot above _____ _____

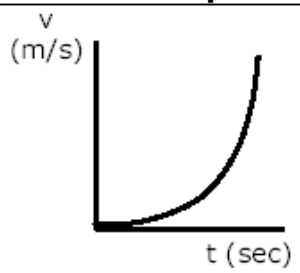
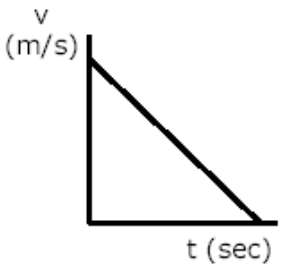
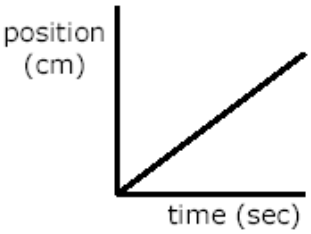
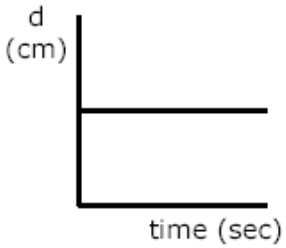
	Step 1 – **Slope?**	Step 2 – **Motion?**

	Step 1 – **Slope?**	Step 2 – **Motion?**

	Step 1 – **Slope?**	Step 2 – **Motion?**

	Step 1 – **Slope?**	Step 2 – **Motion?**

Using your motion words, velocity or acceleration, fully describe the motion for each plot listed below

Example	Motion		Motion
	***Increasing*** ***Acceleration***		
	Motion		**Motion**
			
	Motion		**Motion**