Na	Name:	Group:	Date:	
	Viscoelasticity W	/orksheet		
1.	What two categories of materials have viscoelastic material behavior?			
2.	2 is v loading and unloading a material (one cycle).		lost during the process of	
3.	3 is v depending on how fast it's stretched.	_ is when a material responds differently		
4.	4 is v time with a constant force.	vhen a materia	l continues to deform over	
5.	5. Describe one example of when preconditioning	a material is a	dvantageous.	
6.	6. Draw an example stress vs. time curve of a visc	oelastic materi	al that is stretched and	

held at a constant displacement. Be sure to label your axes.