Metallurgy Lab	: Rust Removal Comparison			Name:	
				Date:	-
Safety Requirer Location: Open		or goggles. Wear nitri	le gloves. Tie	hair up and/or back. Shop attire.	
Watch: this 27:	:09 video. <u>Olympics of Rust R</u>	emoval #313 pt 2 VII	NEGAR tubalo	ain (youtube.com)	
	k a rusted part in 75% acetic al rust remover on another ru				
	Observations 75% Acetic Acid			Observat Commercial Ru	
	15 minutes	30 minutes		15 minutes	30 minutes
Part #1			Part #1		
Compare the tv	wo different strategies for re	moving rust.			

Metallurgy Lab: Rust Removal			Name:			
Electrolysis			Date:	Date:		
Watch: 14:24 video	Olympics of Rust Removal pt 1 #3	312 Electrolysis tubalcain (youtu	be.com)			
Safety Requiremen Location: Open Air	ts: Wear safety glasses or goggles ventilation	s. Wear nitrile gloves. Tie hair up	and/or back. Shop attire.			
Suspend rusty part Suspend a sacrificia	on bucket with approximately four in fluid with room on the sides for al part on a side. Place the anode a re clamp to the sacrificial part (or i ply.	r the anode, cathode, and sacrif and cathode in the bucket.	icial part. Nothing should touch o	one another.		
	Observation					
	Immediate Response	15 minutes	1 hour	2 hours		
Rusty Part						
Sacrificial Part						
	ply. Disconnect anode and cathodoservations:					

Mechanical Removal	Date:				
Safety Requirements: Wear safety glasses or goggles.	. Wear nitrile gloves. Tie hair up and/or back. Shop attire.				
Directions: Manually remove rust with a Scotch Bright	t pad, emery cloth, and a wire brush.				
	1 minute				
Scotch Bright					
Emery Cloth					
Wire Brush					
Summarize your observations:					

Metallurgy Lab: Rust Removal

Name: _____