Lab - Spare Tire

Students:

1._____

Date: _____ Block:_____

2._____ 3._____

VEHICLE IDENTIFICATION						
Year:			Make:			
Model:			Mileage:			
VIN Number:						
GETTING STARTED						
		 Find and remove your car's spare ti Underneath the floor mat in Mounted on the tailgate (SI Underneath the vehicle (truc 	the trunk JVs for example)		
	\Box Make sure that the car is in gear (or in "park" if the car is an automatic) and the					
		mergency brake is set The car should be parked on a flat piece of pavement Do not attempt to change a flat if the car is on a slope or if it is sitting on dirt - the uneven ground may cause the car to fall! VERY DANGEROUS				
		Block the tire opposite of the flat t • Blocking the tire aids in prev	ire venting the car			
		lse the tire iron (the L-shaped bar that fits over the wheel nuts) to loosen but not emove each wheel nut (having the wheel on the ground helps hold the wheel while you posen them)				
ST	OP!	PI INSTRUCTOR'S INITIALS:				
RAIS	ING THE	VEHICLE				
		 Place the jack underneath the car's If you don't know where the owner's manual, or ask your 	proper jacking p	oints are, look them up in the		
		Most car jacks nowadays are a scr	ew-type scissor	jack, which expands when a knob at		
		the end of the jack is turned by the Raise the jack until it contacts the the tire is off the ground	1			
INST	ALLING T	HE SPARE				
		Remove the Flat and Install the Sp. Raise the car with the jack until the		npletely raised off the ground		

		 Set the nuts aside in a secure location where they can't roll away (like the hub cap?) Position the spare tire over the wheel studs It may help to balance the tire on your foot while moving it into position. HAND-THREAD each of the wheel nuts back on Do not cross-thread them; they should screw on easily Make sure that the wheel is fitting flush against the brake hub and that all the lug nuts are threaded evenly 			
ST	OP!	INSTRUCTOR'S INITIALS:			
LOWE	DWERING THE CAR				
	 Carefully lower the jack Pull the jack away from the vehicle Tighten down the nuts evenly and completely - use a "criss-cross" tightening pattern Always use a torque-wrench 				
	Typical Lug Nut Torque Specifications				
		Lug Nuts in a Criss-Cross Pattern for Best Equal Torque Distribution. Lug Size Ft/Lbs Torque 1 1 0			
		\square Put the flat tire in the space where the spare tire was and put the jack and tire iron back in the car			
		Most compact spare tires are smaller than regular tires so might not fit in the spare tire well. Also, compact spares have a limited top speed. The tire's top speed will be written on its sidewall. If your vehicle has a full-size spare, you won't encounter these problems. With the spare installed, you should be able to reach your house or the nearest service station.			
15	Is the spare a "space-saver" and if so, what is it's maximum speed rating?				
	What type of jack did the vehicle come with?				
ST	OP!	INSTRUCTOR'S INITIALS:			