Na	me					Da	te	
	nors Physi riod		_		Thermodynamics Mrs. Nadworny			
				1st Law	of Thermo	dynamics		
							Solve the follo show ALL wor	owing problems k.
1.				_	a gas container, and then the gas does 6 Joules of work on the the change in internal energy of the gas?			
	(A) - 3	30 J		(B) - 18 J		(C) 18 J		(D) 30 J
2.		_	-	tem increase ount of work	-	ules when i	t absorbed 49	2 joules of heat.
	b.	Was the	e work dor	ne on or by t	he system?			
3.	volume fr	om 345	mL to 184	16 mL by the	_	.50 J work (on the environ	linder increased in ment.
	b.	Did the	system in	crease or de	ecrease its ir	nternal enei	rgy?	
4.	kJ. A pisto	on conne	cted to th	e cylinder pe		kJ of expan	_	n a cylinder is -892.4 e to the combustion.
	b.	Was the	e heat gaii	ned or lost b	y the system	n?		

Answers in size order: 400., 490., 5350