

2(a)	work done on / by system
	thermal energy supplied to / removed from system
2(b)(i)	no thermal energy transferred to / from system (due to lack of time)
	work is done on the gas to compress it / to decrease its volume
	internal energy increases so temperature increases
2(b)(ii)	(during vaporisation) molecular separation increases
	(heating causes) potential energy of molecules to increase
	kinetic energy of molecules unchanged so temperature unchanged