









4.	A mass M is put on a spring, pulled back a distance A from its equilibrium position and set in simple harmonic motion with period T.
	a) If the mass is pulled back to 2A and then released, what is the effect on the mass's:
	i) period
	ii) total energy
	b) If the mass is doubled and then released from the original position, what is the effect on the mass's:
	i) period
	ii) angular frequency
	iii) total energy