PhysicsIn5.com Answers (6.02 - Mechanical Energies)

1	True
	Kinetic energy is the energy of motion. As long as the object is not at rest, it will have some amount of kinetic energy.
2	A, E (Mass and Velocity)
3	False
	Mass, height, and gravitational field strength are the factors for gravitational potential energy (Ug). Velocity is related to kinetic energy, and is not a factor for Ug.
4	A, B, D (Mass, Height, Gravitational Field Strength)
5	С
	When considering elastic potential energy, only focus on how much the object has been <i>stretched</i> , and not on the object's overall length. Since each spring is stretched 5 cm, and has the same elasticity, they store the same amount of elastic potential energy.
6	F, G (Stretch Distance, Elasticity)