7	**A is the correct answer as a photon cannot be partially absorbed by an atom.**	(1)
	B is not the correct answer as a photon of 10.2eV would use all of its energy to transfer an electron from the −13.6eV level to the −3.4eV level. C is not the correct answer as an electron of 13.6eV would use 10.2eV to transfer the electron and retain 3.4eV as its own kinetic energy. D is not the correct answer as an electron of 10.2eV could give all its energy to transfer an electron from the −13.6eV level to the −3.4eV level.	