1) The characteristic bright line spectrum of an element is produced when an electron			
a) moves to higher energy levels.b) falls back to lower energy levels.c) is emitted as gamma radiation.d) is absorbed into the nucleus.			
2) Each horizontal row on the periodic table is called a			
a) period.	b) family.	c) group.	d) cohort.
3) Each vertical column on the periodic table is called a			
a) series.	b) period.	c) principal quantum	level. d) group.
4) The ground state electron configuration for an atom of carbon is			
a) $1s^2 2s^2$.	b) $1s^2 2s^2 2p$.	c) $1s^2 2s^2 2p^4$.	d) $1s^2 2s^4$.
5) All of the following are used to characterize electromagnetic radiation except			
a) charge.	b) frequency.	c) speed.	d) wavelength.